



**P & C HAND FORGED TOOL CO.**

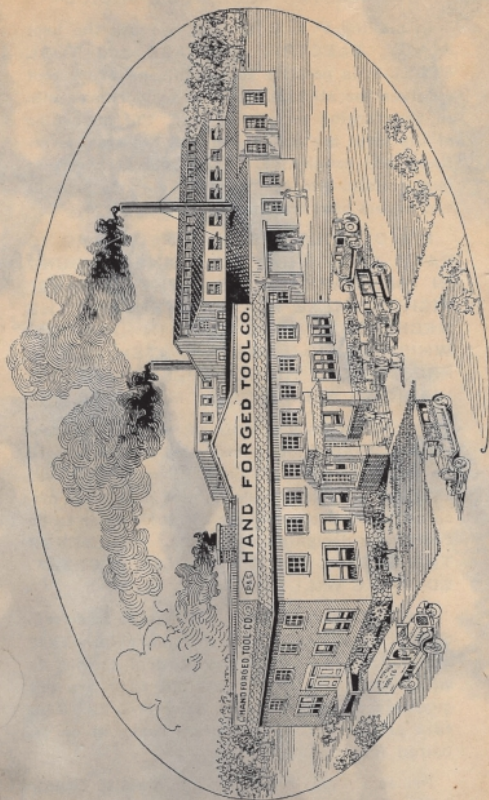
**BOX G, MILWAUKIE BRANCH,  
PORTLAND, OREGON**

**FACTORY AT  
MILWAUKIE, OREGON**



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WILL HUNTER TOOLS  
 817 Kasota Bldg.  
 Minneapolis



# P & C TOOLS

are recognized by AUTOMOBILE, AIRPLANE and other mechanics, as the best tools on the market today. The successful mechanic realizes that he must have good tools if he is to turn out good work.

## P & C

### "THE MASTER MECHANIC'S CHOICE"

In making P & C TOOLS, we use the best ALLOY, ELECTRIC FURNACE and TOOL STEEL it is possible to obtain, and every tool receives the strictest care as to workmanship. In the forging processes used, the molecules of the steel are condensed and the steel is refined and toughened. Each tool is carefully heat treated and tempered by electric process and expert heat treaters.

P & C TOOLS ARE DESIGNED SO AS TO TAKE AWAY THAT CLUMSINESS FOUND IN ORDINARY TOOLS. THEY "HANG" RIGHT. THESE FEATURES ENABLE THE MECHANIC TO MAKE SPEED IN HIS WORK, WHICH IS AN IMPORTANT ITEM IN THE PRESENT DAY HIGHLY SPECIALIZED SERVICING OF ALL KINDS OF MACHINES.

Practically every kind of wrench or tool needed in automobile and airplane work will be found in this catalogue. Due to the ever changing models in automobiles and other machines, it is necessary for the tool-maker to be constantly designing new tools. WHENEVER THE DEMAND FOR A NEW TOOL IS CREATED—P & C WILL MAKE IT.

P & C TOOLS are guaranteed to be free from defects in material and workmanship. They are built to withstand the hardest service to which they should be put, but they are not guaranteed against wear. Any P & C TOOL that proves defective will be replaced or repaired free of charge.

Prices are net to the trade, subject to change without notice.

## P & C HAND FORGED TOOL CO.

Box G, Milwaukie Branch,  
PORTLAND, OREGON

Distributed by





Whenever you need any tools between the calls of P & C Salesmen, mail your orders to the distributor whose name and address is shown on this catalogue, and your orders will receive prompt attention... In case you do not know the name of the distributor in your territory, send your orders to the factory and they will receive the proper attention.

In the catalogue numbers, in practically all cases the last two figures of the number indicate the size of the opening in thirty-seconds of an inch.

### Example

6016—is a 6000 Series Socket having  $16/32$ , or  $1/2$  inch opening.

### Socket Size Table

Socket Opening Inches	Fits S. A. E. Nuts Cap Screws	Fits U. S. S. Cap Screws	Fits U.S.S. Nuts and Bolt Heads (Unfinish)
$7/16$	$1/4$	$1/4$	0
$1/2$	$5/16$	$5/16$	$1/4$
$9/16$	$3/8$	$3/8$	0
$19/32$	0	0	$5/16$
$5/8$	$7/16$	$7/16$	0
$11/16$	0	0	$3/8$
$3/4$	$1/2$	$1/2$	0
$25/32$	0	0	$7/16$
$13/16$	0	$9/16$	0
$7/8$	$9/16$	$5/8$	$1/2$
$15/16$	$5/8$	0	0
$31/32$	0	0	$9/16$
1	$11/16$	$3/4$	0
$1\ 1/16$	$3/4$	0	$5/8$
$1\ 1/8$	0	$7/8$	0
$1\ 1/4$	$7/8$	1	$3/4$
$1\ 3/8$	0	$1\ 1/8$	0
$1\ 7/16$	1	0	$7/8$
$1\ 1/2$	0	$1\ 1/4$	0
$1\ 5/8$	$1\ 1/8$	0	1
$1\ 3/4$	0	0	0
$1\ 13/16$	$1\ 1/4$	0	$1\ 1/8$
$1\ 7/8$	0	0	0
2	$1\ 3/8$	0	$1\ 1/4$
$2\ 3/16$	$1\ 1/2$	0	$1\ 3/8$
$2\ 3/8$	0	0	$1\ 1/2$
$2\ 1/2$	0	0	0



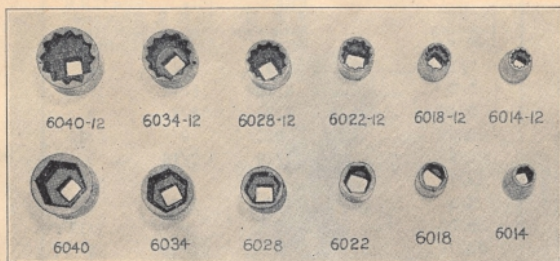
## P & C Sockets

Every P & C Socket is an individually made tool. They are made from a special analysis ALLOY STEEL, which is treated by an electric heat treating and tempering process, insuring uniformity. P & C SOCKETS are noted for their toughness and durability, and are designed right. The sizes are accurate and the walls are as thin as it is possible to make them insuring strength. The handle openings are accurate to size, making it possible to slide the socket off the handle easily, yet a tight fit is insured. Due to the forging process used, the P & C SOCKETS have an exceptionally smooth inside finish.

The last two figures of the number indicate the size of the opening in thirty seconds of an inch, and the first two figures indicate the Series. 12 Point or double hexagon sockets are indicated by -12 following the series number and size number. EXAMPLE: 6014-12, is a socket of the 6000 Series, which means  $1\frac{1}{2}$ " square hole for handle, having  $14/32$  or  $7/16$  opening and is of the 12 point type.

### Hexagon Opening and 12-Point or Double Hexagon Opening Sockets

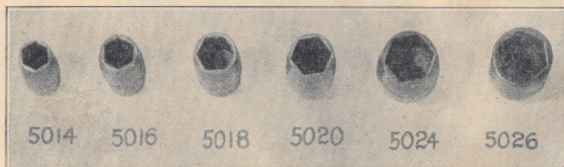
#### NO 6000 SERIES



The No. 6000 Series Sockets have  $1\frac{1}{2}$ " Square Hole for handles. They fit the Standard P & C Handles and Attachments as well as any other makes having the  $1\frac{1}{2}$ " square service connection. The 6000 Series Sockets are made with either Hexagon or 12 Point openings. PRICES APPEAR IN TABLE FOLLOWING.

### Sockets for Speed Wrench Shanks

#### NO. 5000 SERIES



These sockets can be attached to any speed wrench shank, by squaring the shank and driving the socket on. PRICES APPEAR IN TABLE FOLLOWING.



## Prices for Speed Wrench Sockets and 1/2" Square Connection Sockets

Sockets for Speed Wrench Shanks Square Back No.	Sockets with 1/2" Square Back Hexagon Opening No.	Sockets with 1/2" Square Back 12-Point Opening No.	Socket Opening	Price
	6012	6012-12	3/8	.....\$ .60
5014	6014	6014-12	7/16	..... .60
5016	6016	6016-12	1/2	..... .60
5018	6018	6018-12	9/16	..... .60
5019	6019	6019-12	19/32	..... .60
5020	6020	6020-12	5/8	..... .60
	6021	6021-12	21/32	..... .60
5022	6022	6022-12	11/16	..... .60
5024	6024	6024-12	3/4	..... .70
5025	6025	6025-12	25/32	..... .70
5026	6026	6026-12	13/16	..... .70
5028	6028	6028-12	7/8	..... .70
5030	6030	6030-12	15/16	..... .70
	6031	6031-12	31/32	..... .90
5032	6032	6032-12	1"	..... .90
5034	6034	6034-12	1 1/16	..... .90
	6036	6036-12	1 1/8	..... .95
	6038	6038-12	1 3/16	..... 1.00
	6040	6040-12	1 1/4	..... 1.10

## Square and Eight Point Opening Sockets



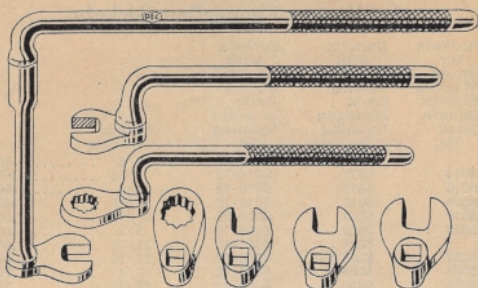
The 6000-S and 6000-E Series have 1/2" square hole for handles. The same rule of numbering used on sockets shown on previous pages is also used on these square and double square opening sockets, the letter "S" following the number designates it as "Square Opening," the letter "E," eight point opening.

Square Opening Sockets 1/2" Square Back No.	8-Point Opening Sockets 1/2" Square Back No.	Socket Opening	Price
6008-S	6008-E	1/4	.....\$ .60
6010-S	6010-E	5/16	..... .60
6012-S	6012-E	3/8	..... .60
6014-S	6014-E	7/16	..... .60
6016-S	6016-E	1/2	..... .60
6018-S	6018-E	9/16	..... .60
6020-S	6020-E	5/8	..... .60
6022-S	6022-E	11/16	..... .60
6024-S	6024-E	3/4	..... .70
6026-S	6026-E	13/16	..... .70
6028-S	6028-E	7/8	..... .70
6032-S	6032-E	1"	..... .90





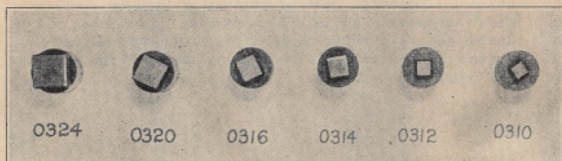
## Crow Foot Sockets



The CROW FOOT SOCKETS here illustrated are exceptionally useful on all kinds of automobile work, airplanes, trucks and tractors and all classes of machine shopwork. As shown by the cut these sockets work on any type of handle having 1/2" square service connection—"L" Handles, Speed Handles, Extensions, etc. With an "L" Handle and extension, a perfect wrench can be formed, for head bolt work. As illustrated they form an offset box wrench or open end wrench of any angle desired. Made strong and will give long service. These CROW FOOT SOCKETS have no equal on the market. Made in 12-Point box and open end style.

12 Point Box	Open End	Opening	Service Connection	Price
0612-12	0612-O	3/8"	1/2" Sq. ....	\$1.00
0614-12	0614-O	7/16	1/2" Sq. ....	1.00
0616-12	0616-O	1/2	1/2" Sq. ....	1.00
0618-12	0618-O	9/16	1/2" Sq. ....	1.00
0619-12	0619-O	19/32	1/2" Sq. ....	1.00
0620-12	0620-O	5/8	1/2" Sq. ....	1.00
0622-12	0622-O	11/16	1/2" Sq. ....	1.25
0624-12	0624-O	3/4	1/2" Sq. ....	1.25
0625-12	0625-O	25/32	1/2" Sq. ....	1.25
0626-12	0626-O	13/16	1/2" Sq. ....	1.25
0628-12	0628-O	7/8	1/2" Sq. ....	1.25

## Drain Plug Sockets

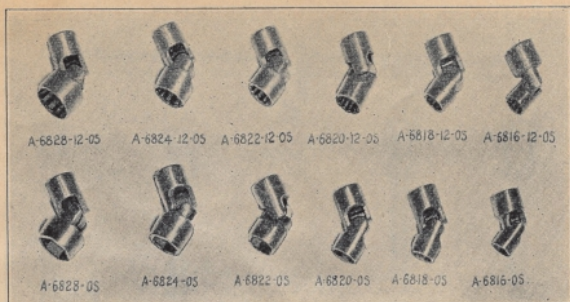


The DRAIN PLUG SOCKETS illustrated have 1/2" Square service connection and square plugs for engaging DRAIN PLUGS, of the various sizes, as indicated.

No.	Square Plug	Price
0310	5/16" .....	\$.55
0312	3/8 .....	.55
0314	7/16 .....	.55
0316	1/2 .....	.60
0318	9/16 .....	.60
0320	5/8 .....	.60
0322	11/16 .....	.65
0324	3/4 .....	.65



## Universal Sockets

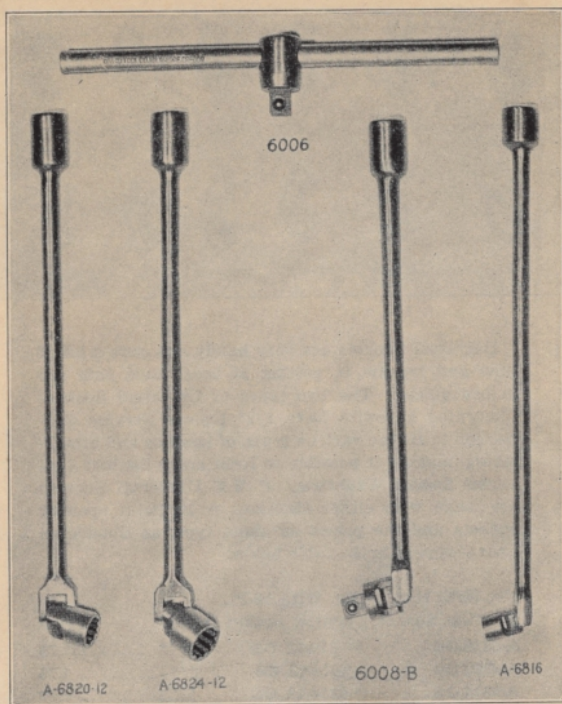


Universal Sockets are very handy and save a lot of time and trouble in getting at those nuts that are in bad places. The two types of Universal Sockets illustrated herewith have 1/2" Square Service Connection to fit the various types of handles and attachments, making it possible to form many distinct Universal Socket Wrenches. P & C Universal Sockets are made with either Hexagon or 12 Point opening sockets and the prices on short type, as illustrated above, appear in the table below.

No. With Hex. Opening Socket	No. With 12-Pt. Opening Socket	Size	Price
A-6810-OS	A-6810-12 OS	5/16 .....	\$1.75
A-6812-OS	A-6812-12 OS	3/8 .....	1.75
A-6814-OS	A-6814-12 OS	7/16 .....	1.75
A-6816-OS	A-6816-12 OS	1/2 .....	1.75
A-6818-OS	A-6818-12 OS	9/16 .....	1.75
A-6819-OS	A-6819-12 OS	19/32 .....	1.75
A-6820-OS	A-6820-12 OS	5/8 .....	1.75
A-6822-OS	A-6822-12 OS	11/16 .....	1.75
A-6824-OS	A-6824-12 OS	3/4 .....	1.75
A-6825-OS	A-6825-12 OS	25/32 .....	1.75
A-6826-OS	A-6826-12 OS	13/16 .....	2.00
A-6828-OS	A-6828-12 OS	7/8 .....	2.00
A-6830-OS	A-6830-12 OS	15/16 .....	2.00
A-6832-OS	A-6832-12 OS	1" .....	2.00



## Universal Sockets With Shank



The Universal Sockets illustrated above have a shank 12" long, with 1/2" Square service connection, and by using No. 6006—Sliding Bar "T," perfect Universal "T" Wrenches are assembled. Made in both Hexagon and 12-point opening sockets. No. 6006 and 6008-B are described on Page 13.

No. With Hex. No. With 12-Point

Open'g Socket	Open'g Socket	Size	Price
A-6810	A-6810-12	5/16	\$2.50
A-6812	A-6812-12	3/8	2.50
A-6814	A-6814-12	7/16	2.50
A-6816	A-6816-12	1/2	2.50
A-6818	A-6818-12	9/16	2.50
A-6819	A-6819-12	19/32	2.50
A-6820	A-6820-12	5/8	2.50
A-6822	A-6822-12	11/16	2.50
A-6824	A-6824-12	3/4	2.50
A-6825	A-6825-12	25/32	2.50
A-6826	A-6826-12	13/16	2.75
A-6828	A-6828-12	7/8	2.75
A-6830	A-6830-12	15/16	2.75
A-6832	A-6832-12	1"	2.75





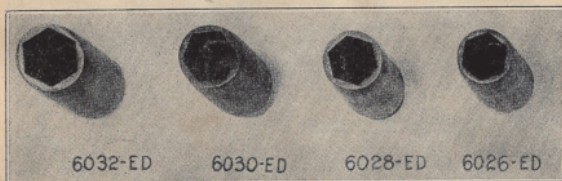
## Drag Link and Wing Nut Sockets



The DRAG LINK SOCKET is a very necessary tool on slotted nuts of any kind, especially on automobile and truck steering assembly, shock absorbers, etc.

No.	Price
6077 Ford Shock absorber drag link socket 1/2" Square service connection.....	\$1.00
6076 1/2" Square service connection, for general use .....	1.00
6077-X—Buick Carburetor Drag Link Socket, 1/2" Service connection .....	1.00
6078 1/4 x 1-1/4 Blade—heavy duty drag link socket—1/2" square service connection...	1.00
3076 General purpose Drag Link Socket, with Jiffy service connection—3/8" Square....	1.00
6075 Wing Nut Socket—fits over the wings on this type of nut—1/2" Sq. connection.....	1.00

## Extra Deep Sockets

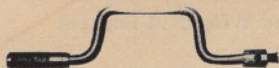


Extra Deep sockets are very handy for work where the nuts are deep; on body work, spring bolts, spark plugs, differential, transmission, etc. No tool kit is complete without a set of Extra Deep Sockets. 1/2" Square service connection.

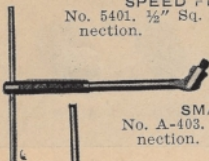
No.	Opening	Price
6022-ED	11/16 .....	\$1.10
6024-ED	3/4 .....	1.10
6025-ED	25/32 .....	1.10
6026-ED	13/16 .....	1.20
6028-ED	7/8 .....	1.20
6030-ED	15/16 .....	1.30
6032-ED	1" .....	1.40
6034-ED	1-1/16" .....	1.50



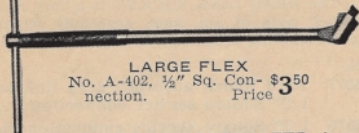
## P &amp; C Flex Handles



**SPEED FLEX**  
No. 5401.  $\frac{1}{2}$ " Sq. Con- \$2<sup>75</sup>  
nection. Price



**SMALL FLEX**  
No. A-403.  $\frac{1}{2}$ " Sq. Con- \$2<sup>50</sup>  
nection. Price

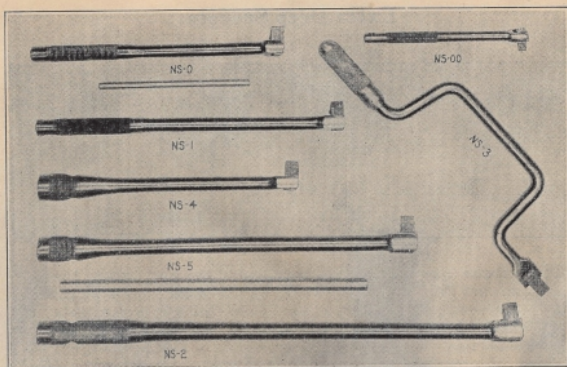


**LARGE FLEX**  
No. A-402.  $\frac{1}{2}$ " Sq. Con- \$3<sup>50</sup>  
nection. Price

On the P & C FLEX HANDLES ILLUSTRATED above, the service end is flexible. A ball snap in the hinged joint holds it in any position, and the handle can be used at any angle. The FLEX HANDLE can be used as an "L" or offset handle to loosen the nut, and without removing the wrench, the handle can be tipped up to use as a "T" wrench to speed nuts off. The FLEX HANDLES are great time savers, very strong and will stand hard usage.

No.		Price
A-402	Large Flex Handle, $\frac{1}{2}$ " Sq. Conn. ....	\$3.50
A-403	Small Flex Handle, $\frac{1}{2}$ " Sq. Conn. ....	2.50
5401	Speed Flex Handle, $\frac{1}{2}$ " Sq. Conn. ....	2.75

## "Inside Head" Flex Handles

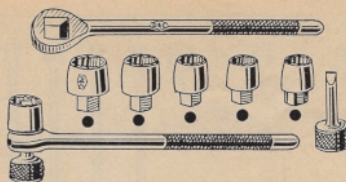


In this type Flex Handle, the connection is inside two forks formed on the handle and is flexible to any angle. Have  $\frac{1}{2}$ " Sq. Connection.

No.	Length	Price
NS-0	10" .....	\$2.25
NS-4	10" Long with $\frac{1}{2}$ " Sq. Opening in handle...	2.50
NS-1	12" Long .....	2.35
NS-5	14" Long with $\frac{1}{2}$ " Sq. Opening in handle...	2.70
NS-2	19" Long .....	2.90
NS-3	Speed Flex Handle .....	2.50
NS-00	Midget Flex Handle— $\frac{5}{16}$ " Sq. Conn. ....	1.50



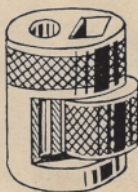
## P & C Valve Adjusting Set



A complete set for adjusting valves on all valve-in-head motors. This set is very useful for other work besides valve adjusting. The screw driver is a separate unit, and the handle with interchangeable sockets makes a very handy short bend offset wrench.

No.		Price
1901	Box Handle .....	\$1.25
1902	Screw Driver .....	.50
1914	7/16 Opening 12-Point Socket .....	.75
1916	1/2 Opening 12-Point Socket .....	.75
1918	9/16 Opening 12-Point Socket .....	.75
1920	5/8 Opening 12-Point Socket .....	.75
1922	11/16 Opening 12-Point Socket .....	.75
1900	COMPLETE SET .....	5.00

## P & C Stud Bolt Wrenches

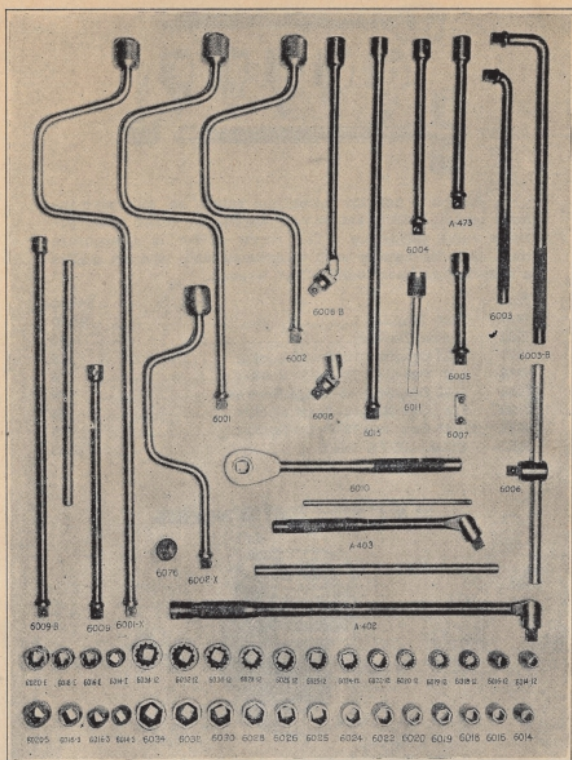


The STUD BOLT WRENCH here illustrated is adapted for use with the various style handles having 1/2" Square service connections. The knurled roller works on eccentric, insuring positive grip on the stud. These STUD BOLT WRENCHES will take studs on all cars and trucks and work on "L," "T" or "SPEED" handles. The body has heavy knurling, which makes it easy to pull off handles. Rollers are made with the greatest care from the best of steel, specially heat treated and tempered, but on account of the fact that they are bound to wear in time, the rollers are not guaranteed. Rollers may be replaced by driving out the pin which holds them.

No.		Price
900	5/16 to 1/2 Studs—1/2" Connection .....	\$2.85
902	1/2 to 5/8 Studs—1/2" Connection .....	3.15
912	5/8 to 3/4 Studs—1/2" Connection .....	3.50
907	Roller for any above .....	.50



### P & C Square Connection Units



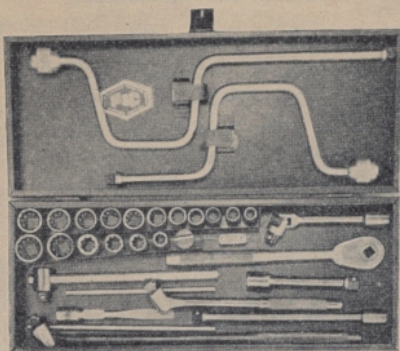
The above cut shows Standard P & C Handles Attachments and Sockets having the 1/2" square service connection. These parts are all interchangeable and on the following page they are described, with prices. Many SETS are illustrated, with specifications, on the pages immediately following the parts price list, using units shown above in different combinations. Each unit in the P & C Socket Set Assembly and special attachments, is constructed to the exacting P & C Standards with respect to quality of material, heat treatment, workmanship and design. These tools are known to thousands of mechanics as the standard which imitators attempt to duplicate.



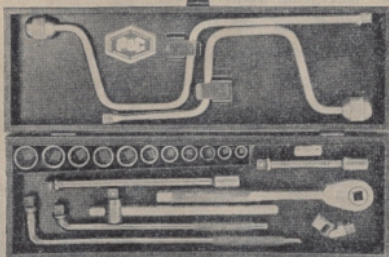
## P & C Standard $\frac{1}{2}$ " Square Connection Handles and Attachments

No.		Price
6001	10" Speed Handle.....	\$1.60
6001-X	18" Shank Speed Handle .....	1.75
6002	5" Shank Speed Handle .....	1.50
6002-X	Short Sweep Speed Handle—4" Shank..	1.25
6003	"L" or Offset Handle—Short Bend ....	1.25
6003-S	7" "L" or Offset Handle—Short Bend ..	1.10
6003-B	"L" or Offset Handle—Long Bend.....	1.50
6004	10" Extension .....	1.25
6005	5" Extension .....	1.15
6005-S	2 $\frac{1}{2}$ " Extension .....	1.15
6006	Sliding Bar "T" .....	1.00
6007	Connection for Ratchet .....	.40
6008	Universal Joint—Short .....	1.90
6008-B	Universal Joint with Shank .....	1.90
6009	10" Shank "T" Handle .....	2.00
6009-B	"T" Handle, like 6009—18" Shank .....	2.00
6010	Ratchet .....	4.00
6011	Screw Driver Bit.....	1.25
6015	18 Extension .....	1.75
6076	Drag Link Socket .....	1.00
A-473	8" Extension .....	1.50
A-402	Large Flex Handle .....	3.50
A-403	Small Flex Handle .....	2.50

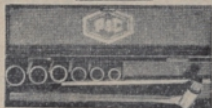
The Sockets Shown in Cut on Page 12 are Listed in  
Former Pages



6129-12



6119-12



A-415

The SETS illustrated above are assembled from P & C Standard 1/2" square connection handles, attachments and sockets described in former pages. These sets are furnished with either 12-point opening or hexagon opening sockets and in the No. 6129 Sets, with 4 square or eight-point opening sockets. The handles and attachments are accurately milled to size, insuring a perfect fit and are neatly finished. The A-415 Set is a very popular small set and in the No. 6119 and 6129 Sets it is almost impossible to figure the number of tool combinations obtainable, insuring the owner of equipment necessary for practically any mechanical problem. Specifications and prices of these sets are shown on following page.





## 29 Piece P &amp; C Socket Set

No. 6129-12 .....	12 Point Sockets
No. 6129 .....	6 Point Sockets

Contains the following units:

No.	Price
A-402 Large Flex Handle .....	\$3.50
A-403 Small Flex Handle .....	2.50
6001 10" Speeder .....	1.60
6002 5" Speeder .....	1.50
6004 10" Extension .....	1.25
6005 5" Extension .....	1.15
6006 Sliding Bar "T" .....	1.00
6007 Adaptor .....	.40
6008 or 6008-B—Universal Joint .....	1.90
6010 Ratchet .....	4.00
6011 Screw Driver Bit .....	1.25
13—Hexagon or 12-Point Opening Sockets	
7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4,	
25/32, 13/16, 7/8, 15/16, 1, 1-1/16.....	8.90
4—Square or 8-Point Opening Sockets,	
7/16, 1/2, 9/16, 5/8 .....	2.40
1—Drag Link Socket.....	1.00
No. 6129-12—Set—29 pieces (12-Point) .....	\$30.00
No. 6129 —Set—29 Pieces (Hexagon) .....	30.00
Steel Box as pictured .....	3.50

## 21 Piece P &amp; C Socket Set

No. 6119-12 .....	12 Point Sockets
No. 6119 .....	Hexagon Sockets

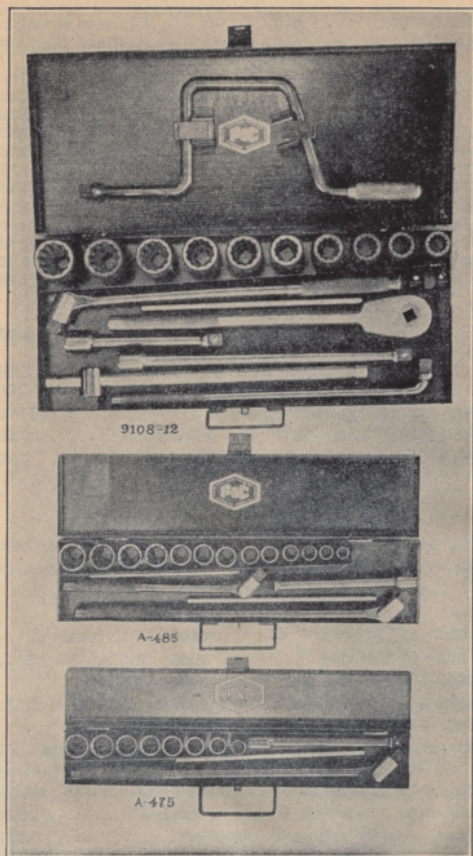
Contains the following units:

No.	No.
6001—10" Speeder	6005—5" Extension
6002—5" Speeder	6006—Sliding Bar "T" ..
6003—Offset Hdl. Sht. Bend	6007—Adaptor
6003-B—Offset Hdl. Lg. Bend	6008 or 6008-B—Uni. Jt.
6004—10" Extension	6010—Ratchet
11—Hexagon or 12 Point Opening Sockets—7/16, 1/2,	
9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16	
No. 6119-12 Set—21 Pieces (12-Point) .....	\$20.00
No. 6119 Set—21 Pieces (Hexagon) .....	20.00
Steel Box for above as pictured .....	2.50

## P &amp; C Small Flex Sets

No. A-410 and No. A-415 contain the popular A-403 Flex Handle and sockets either 12-point or 6-point openings in the following sizes—7/16, 1/2, 9/16, 5/8, 11/16, 3/4.

No. A-410—Hexagon Opening Sockets .....	\$5.75
No. A-415—Twelve Point Opening Sockets .....	5.75
No. A-417—A-403 Handle and 12-Point Sockets,	
3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4 .....	6.30
Steel Box for Above as illustrated .....	1.00



In the above illustration are shown—No. A-475 P & C LARGE FLEX SET; No. A-485 P & C MAJOR FLEX SET, and No. 9108-12 P & C HEAVY DUTY SOCKET SET. The LARGE and MAJOR FLEX SETS are made up of the P & C FLEX HANDLES and either 12 or 6 point opening sockets, and cover a large field in the equipment for the mechanic. The HEAVY DUTY SETS have 5/8" service connections and are furnished with either 12 or 6 point opening heavy duty sockets. All HEAVY DUTY UNITS are made of the best material and are in a class by themselves in HEAVY DUTY equipment. Specifications and prices on following page.



## P & C Large Flex Sets

The Large Flex Sets are made up of the Large Flex Handle, 8" Extension and 8 sockets. The Large Handle, with wider range of sockets and the extension makes a very complete set for the mechanic. The sockets are furnished in either Hexagon or 12-point openings as follows: 9/16, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16.

No.	Price
A-470 SET—10 pieces—Hexagon Sockets.....	\$9.00
A-475 SET—10 pieces—12 point Sockets.....	9.00
ABOVE SETS WITHOUT EXTENSION.	
A-470-X SET—9 pieces—Hexagon Sockets.....	7.75
A-475-X SET—9 pieces—12 point Sockets.....	7.75
STEEL BOX FOR ANY OF ABOVE	
SETS AS ILLUSTRATED .....	1.50

## P & C Major Flex Sets

The MAJOR FLEX SETS contain both the small and large Flex Handles, the 8" extension and 13 sockets having either hexagon or 12 point openings as follows: 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1", 1-1/16.

No.	Price
A-480 SET—16 Pieces—Hexagon Sockets.....	\$14.00
A-485 SET—16 Pieces—12 point sockets.....	14.00
STEEL BOX FOR THE ABOVE SETS	
AS ILLUSTRATED .....	2.50

## P & C Heavy Duty Socket Sets for Truck, Tractor and Other Heavy Duty Work

HEAVY DUTY HANDLES AND ATTACHMENTS  
WITH 5/8" SQUARE CONNECTION

No.	Price
9001 15" Extension .....	\$3.00
9002 8" Extension .....	2.50
9003 15" "L" Handle .....	2.40
9004 Connection for Ratchet .....	1.05
9005 Sliding Bar "T" .....	2.20
9008 Heavy Duty Ratchet .....	7.00
9009 Giant Flex Handle .....	4.75
9011 Giant Speed Handle .....	3.50
No. 9108—HEAVY DUTY SET—8 Handles listed above and 10 Sockets with hexagon openings—7/8, 15/16, 1", 1-1/16, 1-1/8, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2.....	
No. 9108-12—HEAVY DUTY SET—18 pieces as listed above except with 12 point sockets instead of hexagon .....	
STEEL BOX FOR ABOVE SETS AS	
ILLUSTRATED .....	\$4.00

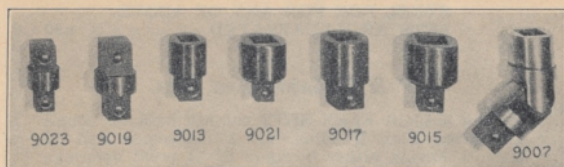




## P & C Heavy Duty Sockets—5/8" Hole For Handles

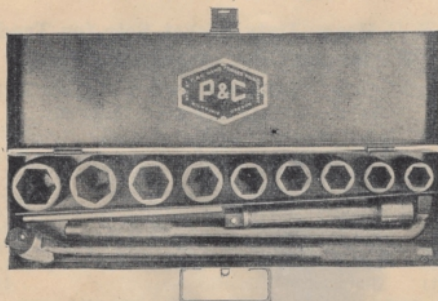
Hexagon H.D.Skts. No.	12-Point Opening H.D.Skts. No.	Opening	Price
9028	9028-12	7/8" .....	\$1.00
9030	9030-12	15/16 .....	1.00
9031	9031-12	31/32 .....	1.00
9032	9032-12	1" .....	1.00
9034	9034-12	1 1/16 .....	1.10
9036	9036-12	1 1/8 .....	1.20
9038	9038-12	1 3/16 .....	1.40
9040	9040-12	1 1/4 .....	1.40
9042	9042-12	1 5/16 .....	1.50
9044	9044-12	1 3/8 .....	1.60
9046	9046-12	1 7/16 .....	1.70
9048	9048-12	1 1/2 .....	1.80

## Heavy Duty Adaptors & Universal Joint



No.		Price
9013	Adaptor 1/2 Male x 5/8 Female .....	\$1.10
9015	Adaptor 5/8 Male x 3/4 Female .....	1.25
9017	Adaptor 3/4 Male x 5/8 Female .....	1.25
9019	Adaptor 5/8 Male x 3/4 Male .....	1.25
9021	Adaptor 5/8 Male x 1/2 Female .....	1.10
9023	Adaptor 1/2 Male x 5/8 Male .....	1.10
9007	Universal Joint—Heavy Duty—5/8" Conn....	4.50

## No. 9200 Heavy Duty Set

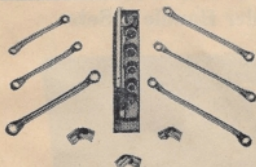
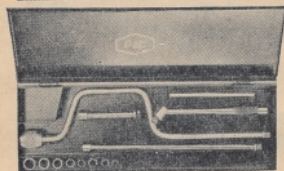
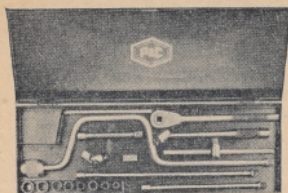


The illustration above shows the No. 9200 HEAVY DUTY SET which contains 12 units out of the larger set, as follows:

9002	8" Extension	9034	Socket
9003	15" L Handle	9036	Socket
9009	Giant Flex Handle	9040	Socket
9028	Socket	9044	Socket
9030	Socket	9046	Socket
9032	Socket	9048	Socket
No. 9200—Set—12 Pieces—Hexagon Sockets .....			\$21.45
No. 9200—12—Set—12 Pieces—12 Point Sockets.....			21.45
Steel Box for Above Sets as Illustrated .....			3.20



## P &amp; C Jiffy Sets and Units



The units in the P & C JIFFY SETS have 3/8" service connection, are all designed along exceptionally slender lines. The JIFFY UNITS are made with the same care as the units in the larger sets and only the best of steel is used. The handles are slender, sockets small and thin walled, especially designed for work in "tight paces." A complete range of handles, attachments and sockets makes possible assembly combinations almost without end. The P & C JIFFY SETS are the last word in time saving equipment for the automobile shops and equally as popular in Airplane work. These units are interchangeable with any equipment having 3/8" Square service connections.

## P &amp; C Jiffy Set Units

3/8" SQ. CON.

No.		Price
3001	Speed Handle .....	\$1.20
3002	4" Extension .....	.60
3003	8" Extension .....	.80
3003-L	—6" L Hdl. 7/16" Stk....	.85
3004	12" Extension .....	.90

3005	18" T Hdl. Slid'g Bar....	\$1.25
3006	Sliding "T" .....	.90
3007	Plug for Ratchet...	.40
3008	Universal Joint ....	1.50
3009	12" T Hdl. Slid'g Br.	1.25
3010	Ratchet .....	2.50
A-407	Flex Handle.....	1.60
3060	Ad'pt'r 3/8 Sq. x 1/2 Sq.	.70
3076	Drag Link Socket..	1.00
3012-12-3/8"	12-pt. Soc..	.40
3014-12-7/16"	12-pt. Soc..	.40
3016-12-1/2"	12-pt. Soc..	.40
3018-12-9/16"	12-pt. Soc..	.40
3019-12-19/32"	12-pt. Soc..	.40
3020-12-5/8"	12-pt. Soc..	.40
3022-12-11/16"	12-pt. Soc..	.40
3024-12-3/4"	12-pt. Soc..	.50
3008-E	-1/4" 8-pt. Soc...	.40
3010-E	-5/16" 8-pt. Soc..	.40
3012-E	-3/8" 8-pt. Soc..	.40

Universal Sockets  
12-Point

U 3010-12	5/16" Soc. ....	1.50
U 3012-12	3/8" Soc. ....	1.50
U 3014-12	7/16" Soc. ....	1.50
U 3016-12	1/2" Soc. ....	1.50
U 3018-12	9/16" Soc. ....	1.50
U 3020-12	5/8" Soc. ....	1.50
U 3022-12	11/16" Soc. ....	1.50
U 3024-12	3/4" Soc. ....	1.50

No. 30—CF—  
"Chief" Jiffy Set

No. 3001	No. 3012-12
No. 3002	No. 3014-12
No. 3003	No. 3016-12
No. 3004	No. 3018-12
No. A-407	No. 3020-12
No. 3006	No. 3008-E
No. 3007	No. 3010-E
No. 3008	No. 3012-E
No. 3010	

No. 30—CF SET—  
17 Pieces .....\$13.60

No. 30—MR—  
"Major" Jiffy Set.

No. 3001	No. 3012-12
No. 3002	No. 3014-12
No. 3004	No. 3016-12
No. 3006	No. 3018-12
No. A-407	No. 3020-12
No. 3007	No. 3008-E
No. 3008	No. 3010-E
No. 3010	No. 3012-E

No. 30—MR SET—  
16 Pieces .....\$12.80  
STEEL BOX FOR EITHER OF THE ABOVE  
SETS .....\$1.40

ADDITIONAL JIFFY SETS ON NEXT PAGE



## Additional Jiffy Sets

## NO. 30—SR—

## "SENIOR" JIFFY SET

No. 3001	Speed Handle
No. 3002	Extension
No. 3004	Extension
No. A-407	Flex Handle
No. 3012-12	Socket
No. 3014-12	Socket
No. 3016-12	Socket
No. 3018-12	Socket
No. 3020-12	Socket
No. 3008-E	Socket
No. 3010-E	Socket
No. 3012-E	Socket
No. 30—SR—SET—	

12 Pieces .....\$7.50

STEEL BOX FOR "SENIOR" JIFFY SET.....\$1.40

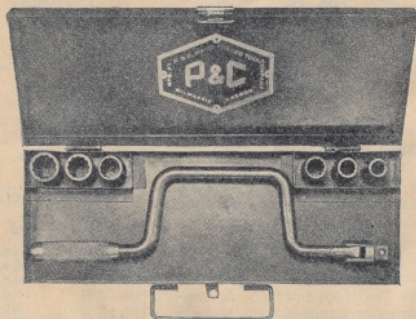
## NO. 30—JR—

## "JUNIOR" JIFFY SET

No. A-407	Flex Handle
No. 3012-12	Socket
No. 3014-12	Socket
No. 3016-12	Socket
No. 3018-12	Socket
No. 3020-12	Socket
No. 30—JR Set	

6 Pieces .....\$3.60

## P &amp; C Flex Speeder Handle &amp; Sets



The FLEX SPEEDER illustrated combines the features of the SPEEDER and the FLEX service end. An excellent handle for all kinds of work. Makes a very efficient and speedy rim lug tool, as the nuts can be broken loose with a great force and then speeded off, without removing the wrench from the nut. Reverse action for replacing.

No.	Price
5401	FLEX SPEED HANDLE—1/2" Square Service Connection .....\$2.75

The SET illustrated above contains the FLEX SPEED HANDLE and 6 sockets having either hexagon or 12-point openings as follows: 7/16-1/2-9/16-5/8-11/16-3/4.

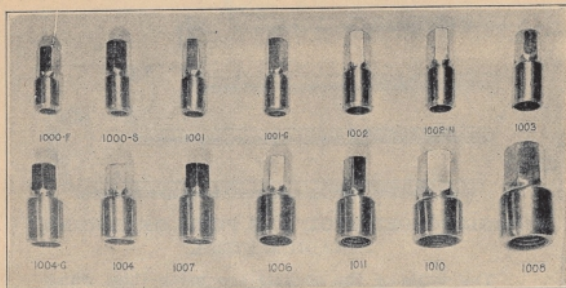
5410	6 Hexagon opening sockets .....\$6.00
5415	6—12-Point opening sockets ..... 6.00
	Steel Box for above sets ..... 2.20





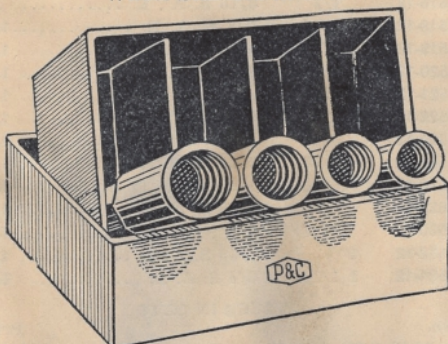
## Wheel Starters

P & C WHEEL STARTERS of the KNOCK-OFF type are forged from the best of steel and are expertly tempered and heat treated. If the threads of the axle are damaged this tool acts as a die in straightening the threads. Screw the Starter on tight, so that the end of the axle is against the bottom of the socket, and then a stroke or two with a hammer will loosen the wheel so that it can be easily removed. Better than any wheel puller or other device for removing the wheel from the rear axle.



No. 1000F	5/8 S. A. E. ....	\$ .80
No. 1000S	5/8 S. A. E. Deep ....	.80
No. 1001	3/4 S. A. E. ....	.90
No. 1001G	3/4 S.A.E.—3/4 Deep—Graham Trks	.90
No. 1002	7/8 S. A. E. ....	1.05
No. 1002N	7/8 S.A.E.—20 Thrd, for Nash Cars.	1.05
No. 1003	1" S. A. E. ....	1.25
No. 1004	1 1/8 S. A. E. ....	1.50
No. 1004G	1 1/8 S.A.E.—1" Deep—Graham Truks	1.50
No. 1006	1 1/4 S. A. E. ....	2.00
No. 1007	1 1/4 U. S. S. ....	2.00
No. 1008	1 1/2 S. A. E. ....	3.00
No. 1010	1 1/2 U. S. S. ....	3.00
No. 1011	1 1/8 U. S. S. ....	1.50

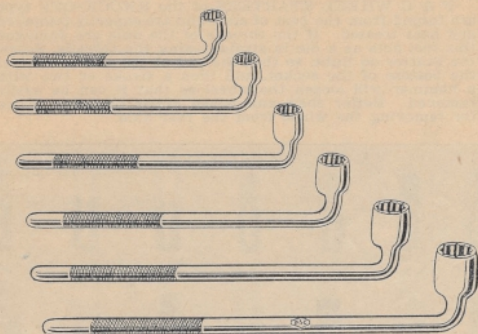
## Wheel Starters in Sets



No. 1000 SET—(Illustrated) in substantial box.	
Contains—1000F-1001-1002-1003	\$4.00
No. 1005 SET—In substantial box.	
Contains—1000F-1000S-1001-1002-1003	4.80
No. 1009 SET—Contains 1004-1006-1007-1008	8.50



## Short Bend Offset Socket Wrenches

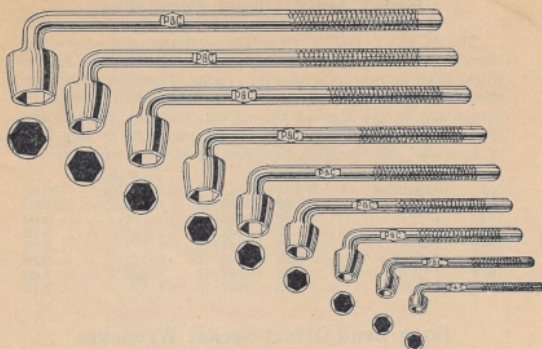
HAND FORGED FROM ONE PIECE OF CHROME  
VANADIUM STEEL

The walls of the sockets are made thin, which makes it possible to use this wrench on nuts that cannot be reached with other wrenches. The above wrenches have 12-point sockets, and require only half the room for the swing of the wrench. They will also fit square nuts. Every wrench is treated by a special electric heat treating and tempering process. Where a one piece wrench is desired, these cannot be beaten.

No.	Opening	Bolt Size	Price
1514-12	7/16	1/4 S. A. E. ....	\$ .80
1516-12	1/2	5/16 S. A. E. ....	.90
1518-12	9/16	3/8 S. A. E. ....	1.00
1519-12	19/32	5/16 U. S. Nut ....	1.00
1520-12	5/8	7/16 S. A. E. ....	1.00
1521-12	21/32	.....	1.00
1522-12	11/16	3/8 U. S. Nut ....	1.10
1524-12	3/4	1/2 S. A. E. ....	1.20
1525-12	25/32	7/16 U. S. Nut ....	1.30
1526-12	13/16	9/16 U. S. Cap Screw ....	1.40
1528-12	7/8	9/16 S. A. E. ....	1.50
1530-12	15/16	5/8 S. A. E. ....	1.65
1532-12	1"	11/16 S. A. E. ....	1.75
1534-12	1 1/16	3/4 S. A. E. ....	2.00

## PRICES IN SETS

No.	Price
A 13-12 SET—All Sizes .....	\$17.60
A 7-12 SET—7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 7/8. ....	7.50
A 6-12 SET—7/16, 1/2, 9/16, 5/8, 11/16, 3/4....	6.00



The wrenches illustrated above are exactly the same as the ones on preceding page, except that they have hexagon opening sockets, instead of 12-point.

No.	Opening	Bolt Size	Price
1510	5/16	.....	\$ .70
1512	3/8	.....	.70
1514	7/16	1/4 S. A. E. ....	.80
1516	1/2	5/16 S. A. E. ....	.90
1518	9/16	3/8 S. A. E. ....	1.00
1519	19/32	5/16 U. S. Nut .....	1.00
1520	5/8	7/16 S. A. E. ....	1.00
1521	21/32	.....	1.00
1522	11/16	3/8 U. S. Nut .....	1.10
1524	3/4	1/2 S. A. E. ....	1.20
1525	25/32	7/16 U. S. Nut .....	1.30
1526	13/16	9/16 U. S. Cap Screw ....	1.40
1528	7/8	9/16 S. A. E. ....	1.50
1530	15/16	5/8 S. A. E. ....	1.65
1532	1"	11/16 S. A. E. ....	1.75
1534	1 1/16	3/4 S. A. E. ....	2.00

#### PRICES IN SETS

No.	Price
15 SET—ALL SIZES .....	\$19.00
12 SET—5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 7/8, 15/16, 1, 1-1/16 .....	14.30
9 SET—5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 7/8 .....	8.90
6 SET—7/16, 1/2, 9/16, 5/8, 11/16, 3/4 .....	6.00



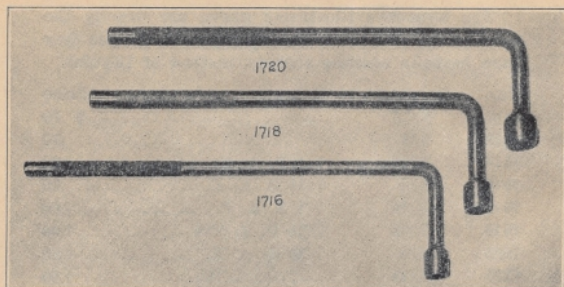


## Heavy Duty Offset Wrenches

The HEAVY DUTY OFFSET WRENCHES, covering sizes from 1-1/8" up, are very useful for all types of heavy work, such as rear axle nuts on Trucks, Tractors, and other heavy machines. Each wrench is made with handle in proportion to the size of the socket, and the sockets are made as thin as practical to insure strength in this size of wrench. Either with hexagon or 12-point openings.

No.	Hexagon Opening	Price	No.	12-Point Opening	Price
1536	1-1/8	\$3.50	1536-12	1-1/8	\$4.00
1540	1-1/4	4.50	1540-12	1-1/4	5.00
1542	1-5/16	4.75	1542-12	1-5/16	5.25
1544	1-3/8	5.25	1544-12	1-3/8	5.75
1546	1-7/16	5.75	1546-12	1-7/16	6.25
1548	1-1/2	6.50	1548-12	1-1/2	7.00
1552	1-5/8	7.25	1552-12	1-5/8	7.75

## Long Bend Offset Socket Wrenches



Long Bend Offset Socket Wrenches are the same as the Short Bend Series, but heavier. The bend in the handle is longer, giving them greater clearance above the nut, or face of the part where the nut is located. They are especially good for main bearing, connecting rod, and cylinder head work. These wrenches are furnished in Hexagon, 12-Point and Square Openings. They have a 3 inch offset on the Hexagon and 12-Point wrenches and a 2-inch offset on the Square Opening Wrenches.

No.	Hexagon Opening	Price	No.	Opening Twelve Pt.	Price
1716	1/2	\$1.00	1716-12	1/2	\$1.00
1718	9/16	1.10	1718-12	9/16	1.10
1720	5/8	1.20	1720-12	5/8	1.20
1722	11/16	1.30	1722-12	11/16	1.30
1724	3/4	1.50	1724-12	3/4	1.50
1725	25/32	1.60	1725-12	25/32	1.60
1726	13/16	1.70	1726-12	13/16	1.70
1728	7/8	1.90	1728-12	7/8	1.90
1730	15/16	2.20	1730-12	15/16	2.20

### IN SETS

1/2, 9/16, 5/8, 11/16, 3/4

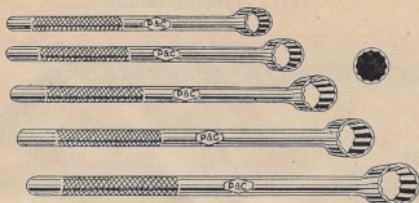
No. 1701—SET HEXAGON OPENINGS	\$6.10
No. 1701-12—SET 12-Point Openings	6.10
25/32, 13/16, 7/8, 15/16	
No. 1702—SET HEXAGON OPENINGS	7.40
No. 1702-12—SET 12-Point Openings	7.40



## Square Opening Long Bend Offset Wrenches

No.	Square Opening	Price
1708-S	1/4 .....	\$ .80
1710-S	5/16 .....	.80
1712-S	3/8 .....	.80
1714-S	7/16 .....	.90
1716-S	1/2 .....	1.00
1718-S	9/16 .....	1.10
1720-S	5/8 .....	1.20

## P & C 12-Point Box Socket Wrenches

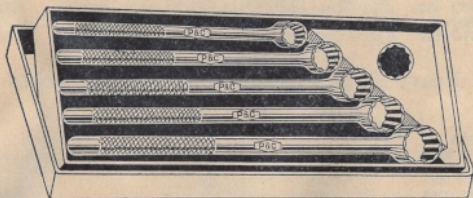


These twelve-point box socket wrenches are made of the best ALLOY STEEL and are designed for use in very close places, where there is not room for the full swing of the hexagon wrench. They fit the hexagon nuts of their various sizes, but require but half the room for the swing of the wrench.

### THEY ALSO FIT SQUARE NUTS

No.	Opening	Price
414	7/16 .....	\$ .70
416	1/2 .....	.75
418	9/16 .....	.80
420	5/8 .....	.90
422	11/16 .....	1.00
424	3/4 .....	1.10
428	7/8 .....	1.25
430	15/16 .....	1.40

### IN SETS

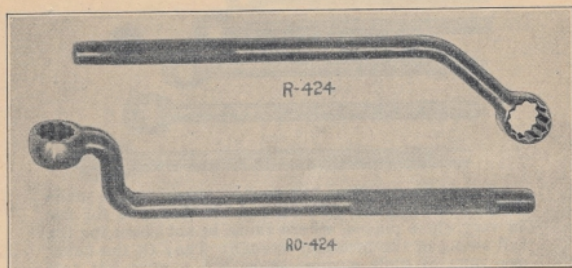


No. 450	SET—One each 418-420-422-424-428 ...	\$5.05
No. 451	SET—ALL SIZES ABOVE .....	7.90
No. 452	SET—One each 414-416-418-420-424 ....	4.25



## Heavy Duty Type 12-Point Box Wrenches

No.	Opening	Price
4031	31/32 .....	\$2.40
4032	1" .....	2.50
4034	1 1/16 .....	2.65
4036	1 1/8 .....	2.80
4038	1 3/16 .....	3.00
4040	1 1/4 .....	3.20
4042	1 5/16 .....	3.40
4044	1 3/8 .....	3.60
4046	1 7/16 .....	3.80
4048	1 1/2 .....	4.00

Standard Size P & C 12-Point Box Wrenches  
With Special Bends

The 12-point box wrenches are furnished with special bends, indicated by the prefix "R" or "RO", as shown in the illustration.

No. "R"	No. "RO"	Opening	Price
Bend	Bend		
R 414	RO 414	7/16 .....	\$ .95
R 416	RO 416	1/2 .....	1.00
R 418	RO 418	9/16 .....	1.05
R 420	RO 420	5/8 .....	1.15
R 422	RO 422	11/16 .....	1.25
R 424	RO 424	3/4 .....	1.35
R 428	RO 428	7/8 .....	1.50
R 430	RO 430	15/16 .....	1.65

## IN SETS

R 450	SET—One each 9/16, 5/8, 11/16, 3/4, 7/8....	\$6.30
R 451	SET—ALL SIZES ABOVE .....	9.90
R 452	SET—One each 7/16, 1/2, 9/16, 5/8, 3/4....	5.50
RO 450	SET—One each 9/16, 5/8, 11/16, 3/4, 7/8....	6.30
RO 451	SET—ALL SIZES ABOVE .....	9.90
RO 452	SET—One each 7/16, 1/2, 9/16, 5/8, 3/4....	5.50

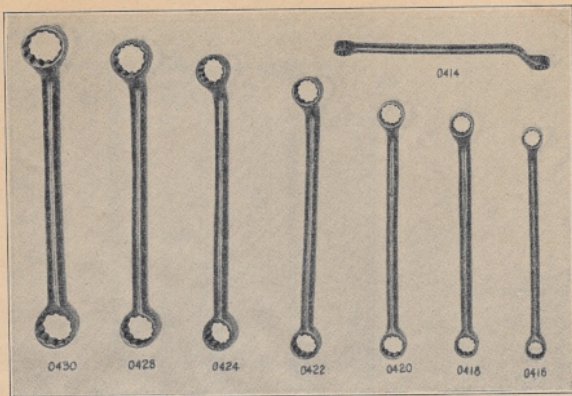
Heavy Duty Type 12-Point Box Wrenches  
With "R" or "RO" Bend

No.	No.	Opening	Price
R 4031	RO 4031	31/32 .....	\$2.65
R 4032	RO 4032	1" .....	2.75
R 4034	RO 4034	1 1/16 .....	2.90
R 4036	RO 4036	1 1/8 .....	3.05
R 4038	RO 4038	1 3/16 .....	3.25
R 4040	RO 4040	1 1/4 .....	3.45
R 4042	RO 4042	1 5/16 .....	3.65
R 4044	RO 4044	1 3/8 .....	3.85
R 4046	RO 4046	1 7/16 .....	4.05
R 4048	RO 4048	1 1/2 .....	4.25





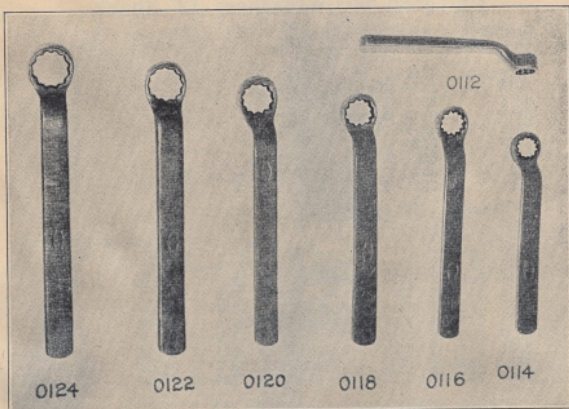
## Double End 12-Point Box Socket Wrenches



The wrenches as illustrated above have 12 point box socket on both ends, one end being straight and the other offset. Where you need a straight wrench, you have it and if there is an obstruction the offset will clear it. Openings are the same on both ends.

No.	Openings	Price	No.	Openings	Price
0412	3/8	.....\$1.30	0422	11/16	..... 1.80
0414	7/16	..... 1.30	0424	3/4	..... 1.90
0416	1/2	..... 1.40	0428	7/8	..... 2.10
0418	9/16	..... 1.50	0430	15/16	..... 2.30
0420	5/8	..... 1.65			

## Midget 12-Point Box Socket Wrenches

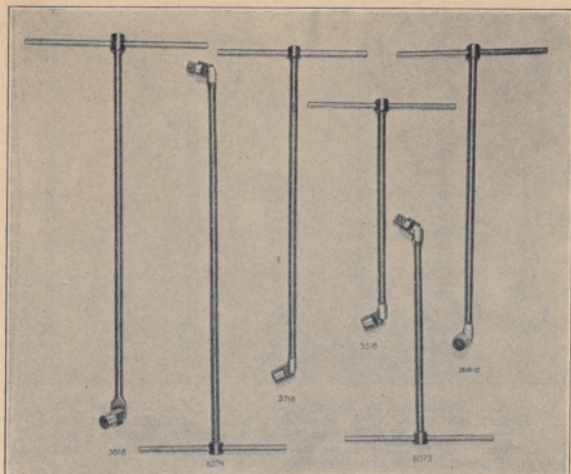


These MIDGET wrenches are small in size, balance perfectly and are very handy for light work, 12-POINT

No.	Opening	Price	No.	Opening	Price
0112	3/8	.....\$ .50	0120	5/8	..... .90
0114	7/16	..... .60	0122	11/16	..... 1.00
0116	1/2	..... .70	0124	3/4	..... 1.10
0118	9/16	..... .80			



## Universal "T" Wrenches



P & C UNIVERSAL-T-WRENCHES have been universally popular among automobile and airplane mechanics for several years. There is no more popular wrench made for work in close places than the Universal Joint "T" Wrench and P & C design and quality have no equal on the market. They are accepted as standard.

## Universal "T" Wrenches—12" Shank

Hexagon Opening	12-Point Opening	Size	Price
3510		5/16	\$3.00
3512	3512-12	3/8	3.25
3514	3514-12	7/16	3.25
3516	3516-12	1/2	3.25
3518	3518-12	9/16	3.50
3519	3519-12	19/32	3.50
3520	3520-12	5/8	3.50
3521	3521-12	21/32	3.50
3522	3522-12	11/16	3.50
3524	3524-12	3/4	3.75

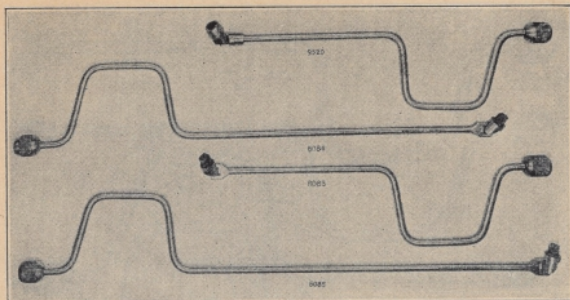
16" Shank		18" Shank		21" Shank		opening	price
Hex	12 pt.	Hex.	12 pt.	Hex.	12 pt.		
Socket	socket	socket	socket	socket	socket		
3610		3710		3810		5/16	\$3.25
3612	3612-12	3712	3712-12	3812	3812-12	3/8	3.50
3614	3614-12	3714	3714-12	3814	3814-12	7/16	3.50
3616	3616-12	3716	3716-12	3816	3816-12	1/2	3.50
3618	3618-12	3718	3718-12	3818	3818-12	9/16	3.80
3619	3619-12	3719	3719-12	3819	3819-12	19/32	3.80
3620	3620-12	3720	3720-12	3820	3820-12	5/8	3.80
3621	3621-12	3721	3721-12	3821	3821-12	21/32	3.80
3622	3622-12	3722	3722-12	3822	3822-12	11/16	4.00
3624	3624-12	3724	3724-12	3824	3824-12	3/4	4.00

## Universal "T" Handle With 1/2" Square Connection (as illustrated)

No.		Price
6073	12" Shank	\$3.00
6074	21" Shank	3.25



## Universal Speed Wrenches



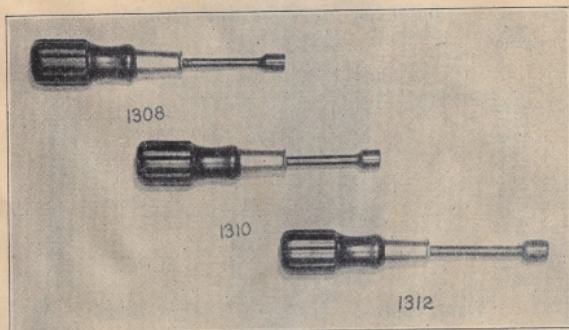
UNIVERSAL SPEED WRENCHES are popular with many mechanics, combining the features of the Universal Joint and Speeder.

No.	Opening	Price
9516	1/2	25
9518	9/16	3.50
9520	5/8	3.50
9522	11/16	3.50
9524	3/4	3.75

## Universal Speed Handles With 1/2" Male Connection

No. 6083—Universal Speed Handle—12" Shank	.....	\$3.00
No. 6084—Universal Speed Handle—18" Shank	.....	3.15
No. 6085—Universal Speed Handle—21" Shank	.....	3.25

## Electricians' Wrenches



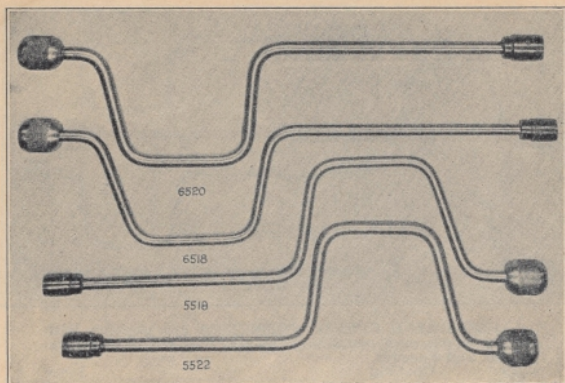
These wrenches have a screw driver handle of good material and the wrench part is made of the best of alloy steel. A good grip can be had on the well shaped handle to break the nut loose and tighten it, and it is possible to make great speed with this type of wrench on all small work such as electrical and radio.

No.	Opening	Price
1308	1/4	\$ .75
1310	5/16	.75
1311	11/32	.75
1312	3/8	.75
1314	7/16	.75





## Speed Wrenches



The design of P & C SPEED WRENCHES, combined with the exceptionally high grade of material used in the handle; the ever popular ball grip, with its free action, and the P & C Standard forged socket, are features which have established these wrenches as regular equipment with thousands of mechanics. The mechanic who is equipped with the most popular sizes in P & C SPEED WRENCHES is considered up to the minute and is able to turn out better work in less time than the one who is just "getting along" with obsolete tools. The schedules below give the various socket sizes and different shank lengths.

## 5400 Shank—5" Below Bend

No.	Opening	Price
5416	1/2" .....	\$1.30

## 5500 Shank 6500 Shank

8" Below Bend	10" Below Bend	Opening	Price
5514	6514	7/16 .....	\$1.30
5516	6516	1/2 .....	1.30
5518	6518	9/16 .....	1.30
5519	6519	19/32 .....	1.30
5520	6520	5/8 .....	1.50
5522	6522	11/16 .....	1.50
5524	6524	3/4 .....	1.60
5525	6525	25/32 .....	1.60
5526	6526	13/16 .....	1.60
5528	6528	7/8 .....	1.80
5530	6530	15/16 .....	1.80
5532	6532	1" .....	2.00
5534	6534	1 1/16 .....	2.00

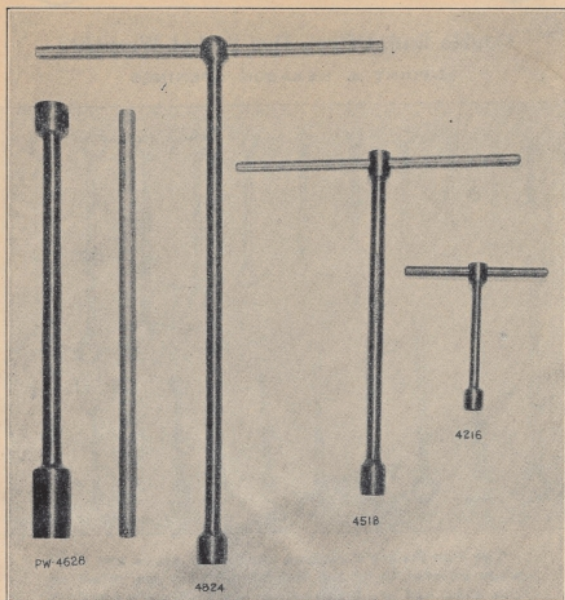
## Long Shank—7500—16" Below Bend

No.	Opening	Price
7516	1/2 .....	\$1.60
7518	9/16 .....	1.60
7520	5/8 .....	1.60
7522	11/16 .....	1.60
7524	3/4 .....	1.80

## Extra Long Shank—8500—24" Below Bend

No.	Opening	Price
8516	1/2 .....	\$1.80
8518	9/16 .....	1.80
8520	5/8 .....	1.80

## “T” Wrenches



The Shank & Socket in P & C “T” Wrenches is all one piece of high grade alloy steel. The sockets are made along the same lines as the loose sockets and the shanks conform to the size of the socket, with all unnecessary clumsiness eliminated.

6" Short Shank					
No.	Opening	Price	No.	Opening	Price
4214	7/16	\$1.20	4226	13/16	\$1.75
4216	1/2	1.30	4228	7/8	2.00
4218	9/16	1.35	4230	15/16	2.20
4220	5/8	1.45	4232	1"	2.40
4222	11/16	1.50	4234	1 1/16	2.60
4224	3/4	1.60			
12" Long Shank					
4514	7/16	1.40	4524	3/4	2.10
4516	1/2	1.50	4525	25/32	2.10
4518	9/16	1.65	4526	13/16	2.10
4519	19/32	1.65	4528	7/8	2.25
4520	5/8	1.85	4530	15/16	2.40
4521	21/32	1.90	4532	1"	2.60
4522	11/16	1.95	4534	1-1/16	3.00
18" Extra Long Shank					
4818	9/16	2.00	4822	11/16	2.35
4820	5/8	2.25	4824	3/4	2.50

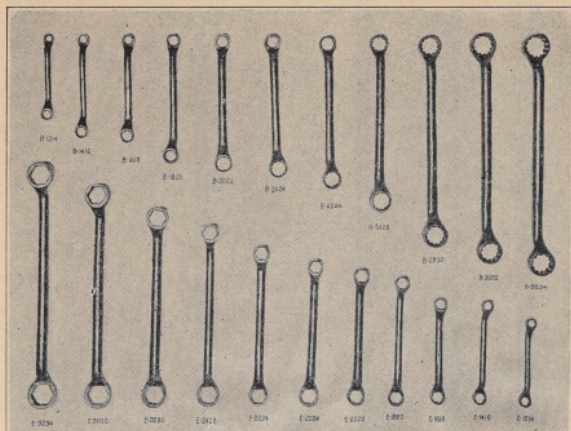
## Heavy Duty Truck—Rim and Wheel “T” Wrenches

Sliding Bar Tee—with 1-7/8" Deep Socket	
No. PW 4628—7/8" Hexagon Opening—14" Shank— for Pickwick Stages	\$3.20
No. IR—4634—1 1/16" Hexagon Opening—16" Shank —for International Trucks	
Other Sizes made to order	4.00



## Double End, Offset, Box Socket Wrenches

12-POINT &amp; HEXAGON OPENINGS



The Box Socket Wrenches illustrated above are commonly referred to as the short type. They are offset on both ends, and are furnished in either 12-point openings or hexagon openings, with two different size openings on each wrench. The socket walls are exceptionally thin, yet these wrenches will stand up under strenuous work, as has been proven by the many thousands of them in service. There is no more popular wrench on the market today than this type and the P & C design and quality give the satisfaction you are looking for.

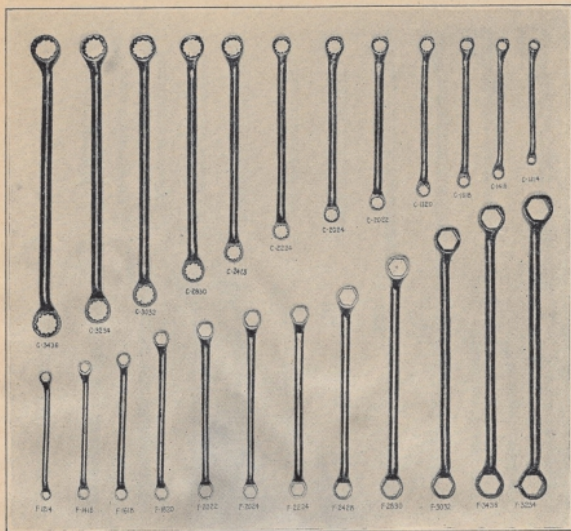
12-Point Sockets	Hexagon Sockets	Openings	Price
No.	No.		
B-1214	E-1214	3/8 and 7/16	.....\$1.15
B-1416	E-1416	7/16 and 1/2	..... 1.25
B-1618	E-1618	1/2 and 9/16	..... 1.35
B-1820	E-1820	9/16 and 5/8	..... 1.50
B-2022	E-2022	5/8 and 11/16	..... 1.65
B-2024	E-2024	5/8 and 3/4	..... 1.75
B-2224	E-2224	11/16 and 3/4	..... 1.75
B-2428	E-2428	3/4 and 7/8	..... 1.95
B-2830	E-2830	7/8 and 15/16	..... 2.35
B-3032	E-3032	15/16 and 1"	..... 2.60
B-3234	E-3234	1" and 1-1/16	..... 2.90
B-3436	E-3436	1-1/16 and 1-1/8	..... 3.40





## Double End, Offset, Box Socket Wrenches

### 12-POINT AND HEXAGON OPENINGS, LONG TYPE



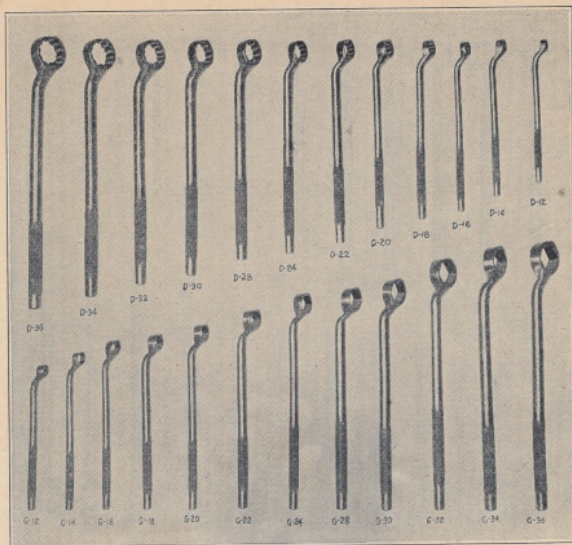
The wrenches illustrated above are similar to the ones shown on former page, except that they are of the LONG TYPE. A Long slim wrench for those long reaches on Automobiles & Airplanes.

12-Point Sockets No.	Hexagon Sockets No.	Openings	Price
C-1214	F-1214	3/8 and 7/16	.....\$1.30
C-1416	F-1416	7/16 and 1/2	..... 1.40
C-1618	F-1618	1/2 and 9/16	..... 1.50
C-1820	F-1820	9/16 and 5/8	..... 1.65
C-2022	F-2022	5/8 and 11/16	..... 1.80
C-2024	F-2024	5/8 and 3/4	..... 1.90
C-2224	F-2224	11/16 and 3/4	..... 1.90
C-2428	F-2428	3/4 and 7/8	..... 2.10
C-2830	F-2830	7/8 and 15/16	..... 2.50
C-3032	F-3032	15/16 and 1"	..... 2.75
C-3234	F-3234	1 and 1-1/16	..... 3.00
C-3436	F-3436	1-1/16 and 1-1/8	..... 3.50



## Single End, Offset, Box Socket Wrenches

12-POINT AND HEXAGON OPENINGS, LONG TYPE



This is a long handled, single end wrench with the same box type socket as the "B" "C" "E" & "F" series. Knurled handle. A favorite wrench.

12 Point      Hexagon  
Sockets      Sockets

No.	No.	Openings	Price
D-12	G-12	3/8" .....	\$.65
D-14	G-14	7/16 .....	.70
D-16	G-16	1/2 .....	.75
D-18	G-18	9/16 .....	.80
D-20	G-20	5/8 .....	.90
D-22	G-22	11/16 .....	.95
D-24	G-24	3/4 .....	1.05
D-28	G-28	7/8 .....	1.25
D-30	G-30	15/16 .....	1.35
D-32	G-32	1" .....	1.50
D-34	G-34	1-1/16 .....	1.75
D-36	G-36	1-1/8 .....	2.00



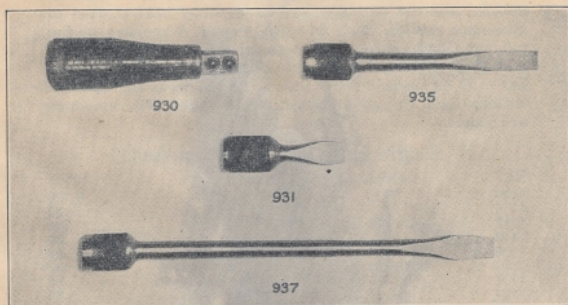
## Double Socket "L" Type Wrenches



Forged from one piece of high grade alloy steel and the sockets are made with strict care. The short end is used to start the nut off, or to tighten it, and the long end is then used as "spinner" to run the nut off or on speedily.

No.	Openings	Size	Price
312	3/8 and 3/8	1-1/2x 7	\$1.30
314	7/16 and 7/16	1-1/2x 8	1.50
316	1/2 and 1/2	2 x 9-1/2	1.70
318	9/16 and 9/16	2 x 10	1.80
320	5/8 and 5/8	2 x 10	1.90
322	11/16 and 11/16	2-1/2x10	2.10
324	3/4 and 3/4	2-1/2x11	2.25
328	7/8 and 7/8	2-1/2x11	2.55

## Screw Driver Set



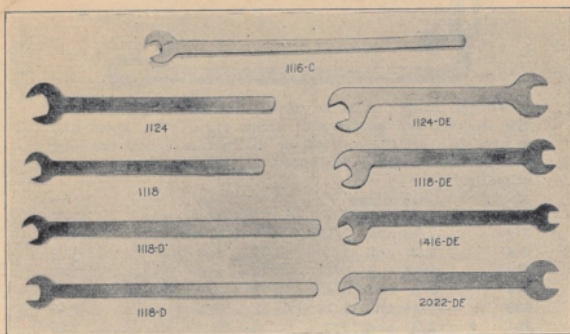
The famous P & C Sole Leather Screw Driver Handle, with 1/2" Square connection, which has double ball snap. The blades are made of a high quality screw driver steel and will stand up under any use to which a screw driver should be put. All standard 1/2" Square handles also work with the blades.

No.	Price
930—Leather handle for use with any blades	\$1.50
931—Blade-3" overall length by 1/2" bit	1.00
934—Blade-6" overall length by 3/8" bit	1.25
935—Blade-6" overall length by 1/2" bit	1.25
936—Blade-8" overall length by 7/16" bit	1.35
937—Blade-10" overall length by 1/2" bit	1.45
938—Blade-15" overall length by 1/2" bit	1.65





## P &amp; C Tappet Wrenches



The illustration above shows samples of the various types of P & C Tappet Wrenches. These Wrenches are made exceptionally thin, from the best of ALLOY STEEL and the entire wrench is expertly heat treated to give long service. You will find Tappet Wrenches in the following listings to meet the most exacting requirements and P & C design and quality are your insurance that you will be pleased with them. Please note the specifications carefully as to the different types. The openings are exact.

## Single End Tappet Wrenches

No.	Opening	Length	Price
1114	7/16	9"	\$.80
1116	1/2	9"	.80
1117	17/32	9"	.80
1118	9/16	9"	.80
1120	5/8	9"	.80
1121	21/32	9"	.80
1122	11/16	9"	.90
1124	3/4	9"	.90
1126	13/16	9"	.90
1128	7/8	9"	1.00
1130	15/16	9"	1.00
1132	1"	9"	1.00

Double End Tappet Wrenches—Same Size  
Opening on Both Ends—One End Straight  
With Handle—Other End at Angle

No.	Openings	Length	Price
1114DE	7/16 and 7/16	8"	\$1.00
1116DE	1/2 and 1/2	8"	1.00
1117DE	17/32 and 17/32	8"	1.00
1118DE	9/16 and 9/16	8"	1.00
1120DE	5/8 and 5/8	8"	1.00
1121DE	21/32 and 21/32	8"	1.00
1122DE	11/16 and 11/16	8"	1.10
1124DE	3/4 and 3/4	8"	1.10
1126DE	13/16 and 13/16	8"	1.10
1128DE	7/8 and 7/8	8"	1.20
1130DE	15/16 and 15/16	8"	1.30
1132DE	1" and 1"	8"	1.30



## Double End Tappet Wrenches— Two Different Openings on Each Wrench

First two digits in the number indicate opening on straight end in thirty seconds of an inch—last two digits in the number indicate opening on angle end in thirty-seconds of an inch.

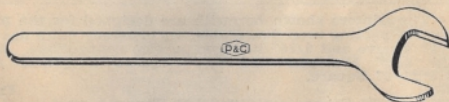
No.	Openings	Length	Price
1416DE	7/16 and 1/2	8" .....	\$1.00
1618DE	1/2 and 9/16	8" .....	1.00
1817DE	9/16 and 17/32	8" .....	1.00
2120DE	21/32 and 5/8	8" .....	1.00
2022DE	5/8 and 11/16	8" .....	1.05
2426DE	3/4 and 13/16	8" .....	1.10

## Special Tappet Wrenches

These special tappet wrenches are designed for particular cars and the specifications will give you the desired information. They are of the single end type.

No.	Opening	Length	Head	For	Price
1116DS	1/2"	11"	Straight	—Dodge .....	\$ .90
1116DA	1/2	11"	Angle	—Dodge .....	.90
1118DS	9/16	11"	Straight	—Dodge .....	.90
1118DA	9/16	11"	Angle	—Dodge .....	.90
1116D	(Pair—1116DS and 1116DA) .....				1.80
1118D	(Pair—1118DS and 1118DA) .....				1.80
1116C	1/2	12"	Angle	—Chrysler .....	.90
1120C	5/8	12"	Angle	—Chrysler .....	.90

## Water Pump Packing Nut Wrenches

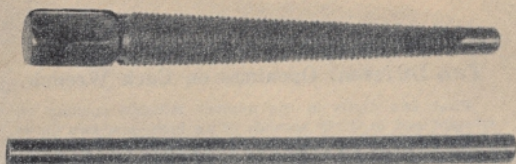


P & C PUMP WRENCHES HAVE A VERY POPULAR SHAPED HEAD, ARE EXCEPTIONALLY THIN, YET STRONG ALMOST BEYOND BELIEF.

The last two digits in the number indicate the opening in thirty seconds of an inch.

No.	Opening	Price
1232	1" .....	\$1.25
1234	1 1/16 .....	1.35
1236	1 1/8 .....	1.35
1238	1 3/16 .....	1.35
1240	1 1/4 .....	1.35
1242	1 5/16 .....	1.35
1244	1 3/8 .....	1.35
1246	1 7/16 .....	1.45
1248	1 1/2 .....	1.45
1250	1 9/16 .....	1.50
1252	1 5/8 .....	1.65
1256	1 3/4 .....	1.85

## Bushing Extractor

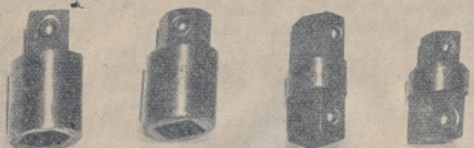


367

This Bushing Extractor is designed for use on any bronze bushings. The body is screwed into the bushing, allowing the small end to extend through, and with the self centering punch against the small end, the bushing is forced out. The two pieces are one tool.

No. 367—For 1/2 to 7/8 Bushings .....\$3.00

## Adaptors



6072

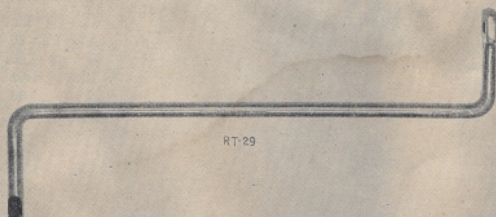
6071

6070

3060

The adaptors shown herewith are designed for the purpose of making interchangeable the different units having 1/2" square and 9/16" hexagon service connections. Also the 1/2" Hexagon and 3/8" square adaptors, and 3/8"x1/2" Square.

No.		Price
6070	—1/2" Square male & 9/16" Hexagon male.....	\$.90
6071	—1/2" Square female & 9/16" Hexagon male...	.80
6072	—1/2" Square male & 9/16" Hexagon female....	.80
0003A	—1/2" Hexagon Adaptor .....	.40
0004A	—3/8" Square Adaptor .....	.40
3060	—3/8" male & 1/2" male .....	.70



RT-29

## Rim Tool

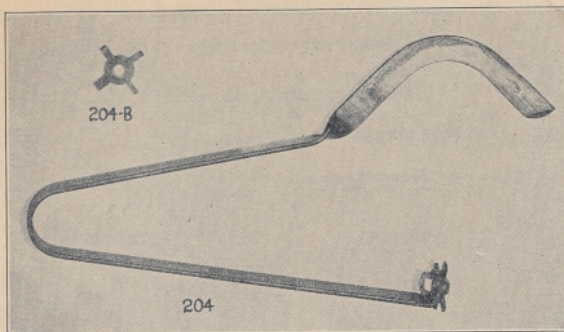
A very necessary piece of equipment for handling the trigger arrangement on certain styles of Rims, now very universally used

No. RT-29—Rim Tool .....\$1.50





## Ring Groove Cleaner



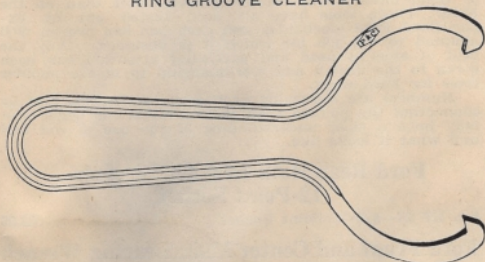
In this RING GROOVE CLEANER the BODY part is made of flat spring steel, making an easy tool to handle. The curved part, flattened the opposite way—fits perfectly in the groove.

The 4-Blade cutter is made of the best quality of Saw Steel, heat treated, and is fitted on with machine screw, nut and lock washer—quickly adjusted and STAYS IN POSITION. The cutter is made the best possible and will stand service—but is not guaranteed for replacement.

Sizes of blades on cutting wheel.  
1/8"—5/32"—3/16"—1/4"

No. 204—Ring Groove Cleaner complete .....\$1.35  
No. 204B—Extra Cutting Wheel ..... .25

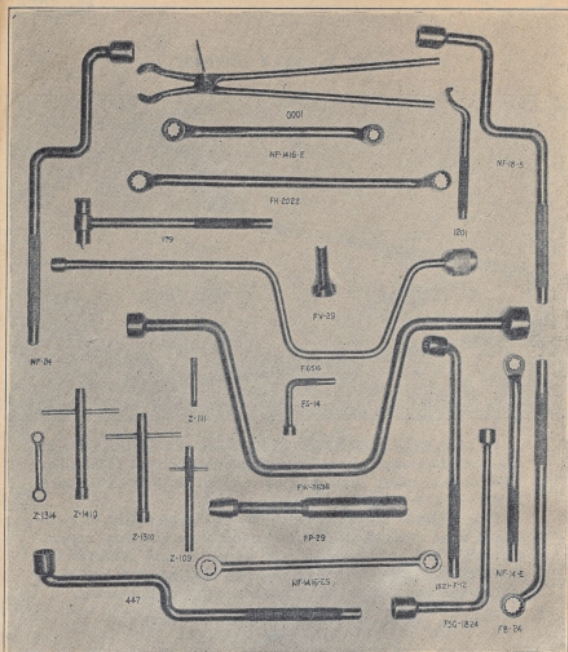
### RING GROOVE CLEANER



This type of Ring Groove Cleaner is made of the best grade of tool steel and does the work perfectly. A style which is preferred by many mechanics.

No.	Size of Cutting Point	Price
200	1/4" .....	\$1.00
201	3/16" .....	1.00
202	1/8" .....	1.00
203	5/32" .....	1.00

## Special Tools for Model "A" Ford



The tools shown in this illustration are designed primarily for use on the Model "A" Ford, however many of them have a wide range of uses other than on the Ford. These tools have all been tested out by experienced Ford mechanics and each one has proven well adapted to the job for which it is designed. Only the best of steel is used and particular attention has been given to the design and workmanship to insure popular tools for Ford work.

Numbers are shown by each tool, in the cut, and by connecting the picture with the specifications below you may have a clear understanding of the use of the tool and what it looks like.

### Ford Rear Main Bearing Wrench— 12-Point Socket

No. NF 24—3/4-12 Point Socket .....\$2.25

### Ford Front and Center Main Bearing Wrench —Square Socket

No. NF 18 S—9/16" Square Socket .....\$2.25

### Ford Pump Nut Spanner

This spanner has many other uses such as on Chrysler Pump Nut and Chevrolet Steering gears.

No. 1201—Spanner Wrench .....\$ .60

### Ford Double End Head Bolt Wrench— Model "T" — Model "A"

No. FH 2022—5/8" and 11/16" openings-12 Point....\$2.25



## Ford Valve Lifter

The Valve lifter listed as No. 0001 works on the Model "A" Ford and also on the Model "T" Ford as well as other cars. The "tong" part takes firm hold on the spring, and the foot is on a double swivel which fits on the edge where the plate has been removed. There is a hole in the foot in which a hook may be used in hooking over the manifold bolts or anything overhead. Effective for removing and replacing.

No. 0001—Ford Valve Lifter .....\$2.50  
No. 0001-F—Lifter less the foot ..... 2.00

## Ford Brake Adjusting Wrenches

These wrenches have 8-POINT or double square sockets on both ends of the double end wrenches, and also 8-Point socket on the single end wrench. Made in single end offset, double end offset and double end straight types. NF14E and NF1416E are offset and NF1416ES is straight.

No.                      Openings  
NF-14-E—7/16 Square-8-Point for Car .....\$1.40  
NF-1416-E—7/16 & 1/2 Square-8-Point-Truck & Car. 1.80  
NF-1416-ES—7/16 & 1/2 Square-8-Pt.-Truck & Car.. 1.50

## Ford Model "A" Piston Pin Tool

The "IDEAL"—"LAST WORD" tool for removing and replacing Piston Pins on Model "A" Ford. The tapered projections, both on the handle and head, automatically enter the pin and cause it to "center" perfectly without any attention. Made of the best of steel. HEAT PISTON BEFORE USING TOOL.

No. FP-29—Piston Pin Tool .....\$2.90

## Ford Model "A" Valve Guide Extractor

This one piece valve guide extractor slips over the valve stem, rests under the head, and by tapping on the valve, the guides are OUT. Handles the job perfectly, every mechanic needs this tool.

No. FV-29—Valve Guide Extractor .....\$1.50

## Ford Model "A" Carburetor Jet Wrench and Screw Driver

This Carburetor Jet Wrench is 4-1/2" overall and is hollow for 2-3/8" deep. The first broaching at the point of the wrench is 10/32" hexagon, below which it is broached 9/32" hexagon, the balance of the hollow stem takes care of the jet stem.

Very necessary on the Model "A" Ford Carburetor, works equally as well on all Zenith Carburetors, many other small nuts and jets, and also fine for many jobs in electrical work. Small, light and made of best of material.

No. Z-109—Carburetor Jet Wrench .....\$ .90  
No. Z-111—Screw Driver Bit Attachment for No.  
Z-109 ..... .50

## Ford Rear Main Bearing Wrench

No. 447—3/4"—opening—12 point socket, Main Bearing Wrench has been a very popular wrench, for many years on the Model "T" Ford and is just as popular for use on the Model "A" Ford.

No. 447—3/4" opening—12 Point—Main Bearing Wrench .....\$2.25



## Ford Model "A" Carburetor Wrenches For Dash Control at Carburetor

The small double end box wrench, No. Z-1314, handles either size nut on the needle valve housing.  
No. Z-1314—13/32 and 7/16 Hexagon Box wrench....\$1.00

The "T" Type wrench illustrated, is made in two sizes, and the shank of the wrench is hollow far enough so it fits over the stem of the needle valve housing, allowing the broaching to take the nut, of which there are two sizes on Fords—13/32 and 7/16. The 5/16" opening on the top of the "T" Wrench takes care of the nut which holds the butter-fly rocker arm.

No. Z-1310—13/32 and 5/16—"T" Wrench .....\$1.10  
No. Z-1410—7/16 and 5/16—"T" Wrench ..... 1.10

## Ford Model "A" Steering Column Wrench

This wrench is for the lower end of the steering column on the Model "A" Ford—has 7/16"-12 Point Socket.

No. FS-14—7/16"—12 Point Socket .....\$ .70

## Ford Connecting Rod Wrenches

No. 1520F12—5/8 " opening 12 Point Socket .....\$1.50  
No. 1521F12—21/32".opening 12 Point Socket ..... 1.50

## Ford Model "A" Speed Wrench for Wheels

This wrench is for handling those hub bolts on the Model "A" wire or disc wheels. Two size sockets—13/16 for car and 1-1/8 for truck. A sturdy one piece wrench with 6-1/2" sweep.

No. FW-2636—13/16 & 1-1/8 Hexagon Sockets .....\$2.50

## Ford Model "A" Generator and Starter Wrench

A wrench with 9/16 and 3/4"-12 point sockets for the Model "A" Starter & Generator. A very handy wrench for these jobs.

No. FSG-1824—9/16 & 3/4—12 Point Sockets .....\$1.60

## Ford Model "A" Motor Bracket Wrench

Has—3/4"—12 Point socket and is designed for the MOTOR BRACKET BOLTS ON EITHER SIDE.

No. FB-24—3/4"—12 Point Socket .....\$1.40

## Ford Model "A" Pan Bolt Speed Wrench

This Speed Wrench is made with socket and shank in one piece for the pan bolts on Model "A" Ford—either hexagon or 12-point.

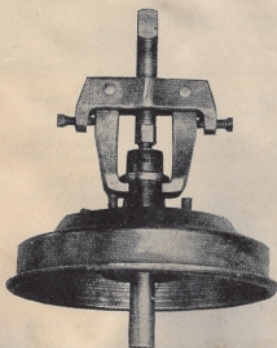
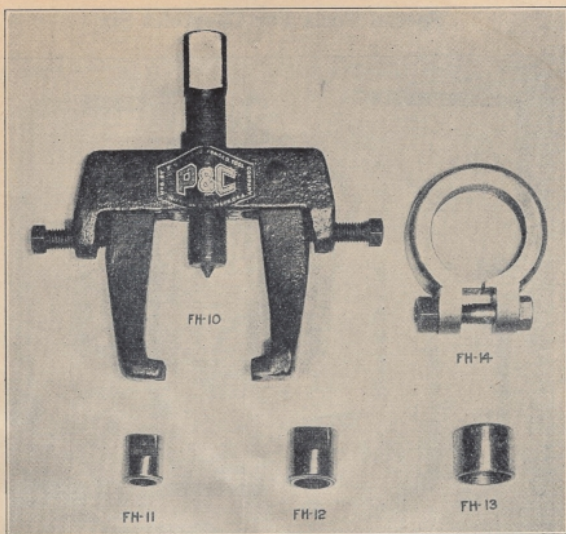
No. F6516—1/2" opening hexagon socket .....\$1.30  
No. F6516-12—1/2" opening 12-point socket ..... 1.30

## Ford Model "A" Offset Screw Driver and Drag Link Sockets for Shock Absorber Drag Link

These tools are designed for handling the Shock Absorber Drag Link but are good for many other jobs.

No. 178—Offset Screw Driver .....\$1.50  
No. 6077—Drag Link Socket—1/2" Sq. Connection.... 1.00  
No. 6077-X—Drag Link Socket—1/2" Sq. Connection.. 1.00

# Ford "Never Slip" Drum Puller for Cars and Trucks And "All-Around" Gear Puller



The Ford Drums have given a considerable amount of trouble, as they are difficult to remove, but with the P&C PULLER, you tackle the job with the assurance that it is going to come.

THE PULLER ILLUSTRATED HEREWITH WILL PULL THE TIGHTEST DRUM ON THE FORD CAR OR TRUCK AND IS A PULLER THAT WILL HANDLE NUMEROUS OTHER JOBS WHERE A STURDY GEAR PULLER IS NEEDED.

Being made of CHROME-VANADIUM STEEL throughout, having 1" screw with SAE thread, and the entire puller being heat treated, here is a tool that will stand the hardest strain. This puller has done the job after many others had fallen down. The jaws have a spread of from 1/2" to 3-1/4" and the set screws on the side prevent the jaws from spreading.

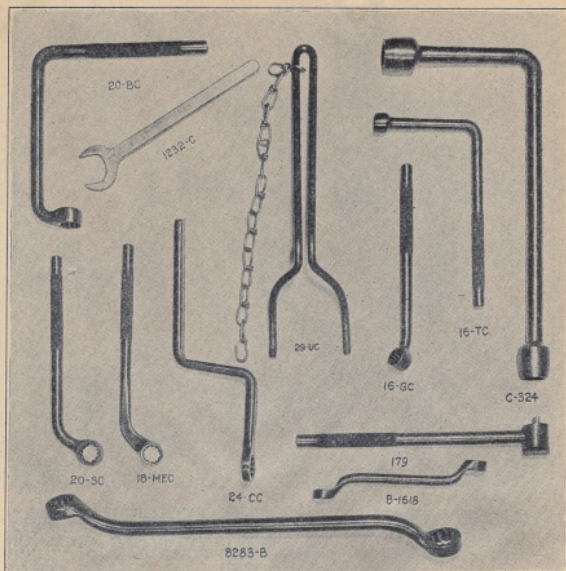
This puller works equally as well on the drums with the flange or with a groove, and adaptors are used to prevent upsetting the end of the axles, when strain is applied.

Attachment No. FH-14 is for the late model Ford Trucks. Screw this attachment on the Hub Cap Threads and then tighten, with the bolt, to insure a solid pulling basis, for the PULLER to work on.

No. FH 10—PULLER .....	\$11.00
No. FH 11—ADAPTOR FOR FORD CAR .....	.75
No. FH 12—ADAPTOR FOR OLDER MODELS FORD TRUCK .....	1.00
No. FH 13—ADAPTOR FOR NEWER MODELS FORD TRUCK .....	1.00
No. FH 14—ATTACHMENT FOR LATER MODELS FORD TRUCK .....	3.75



## Special Tools For Chevrolet Six



The various tools illustrated in the above cut have been designed for certain jobs on the Chevrolet Six Models and many thousands of them are giving that class of service which the good mechanic desires. While these tools are listed as Chevrolet Tools, many of them work equally as well on other jobs.

By referring to the numbers by each tool, in the illustration, and the specifications below, full information is obtained.

**Chevrolet Water Pump Wrench**

No. 1232 C—1" Opening for Water Pump Packing Nut .....\$1.25

**Chevrolet Transmission Wrench**

No. 16 TC—1/2" Opening-12 Point-Transmission Wrench .....\$1.25

**Chevrolet Generator—Carburetor Wrench**

No. 16 GC—1/2" Opening-12 Point-Generator-Carburetor Wrench .....\$1.35

**Chevrolet Manifold—Exhaust Wrench**

No. 18 MEC—9/16" opening-12-point-Manifold-Exhaust Wrench .....\$1.40

**Chevrolet Starter Wrench**

No. 20 SC—5/8" opening-12-point-Starter Wrench....\$1.50

**Chevrolet Carburetor Drain Plug Wrench**

No. 24 CC—3/4" opening-12-point-Carburetor Drain Plug Wrench .....\$1.40

**Chevrolet Universal Joint Holder**

No. 29 UC—Universal Joint holder with chain .....\$1.25





### Chevrolet Main Bearing Wrench

The "Old Reliable" Main Bearing Wrench for Chevrolet Models including 1928—13/16 & 7/8—12 point sockets, which makes it a good wrench for many uses besides main bearing work on old Chevrolets.

No. 8283 B—13/16 & 7/8—12 point sockets.....\$2.50

### Chevrolet Head Bolt & Main Bearing Wrench

No. C 324—3/4" Hexagon Sockets on both ends—5x12 inches .....\$2.50

### Chevrolet Universal Joint Wrench

There never was a more popular wrench than our B-1618, as it is a well shaped wrench, having those two popular sizes 1/2" and 9/16" in 12 point sockets, which makes it handy in many places besides the Chevrolet Universal Joint job.

No. B-1618—1/2 & 9/16—12 point sockets .....\$1.35

### Chevrolet Steering Column Bracket Wrench

This wrench is of the crow foot type, has 5/8" opening 12-point socket, and makes easy an otherwise hard job.

No. 20 BC—5/8"-opening 12 point socket .....\$1.60

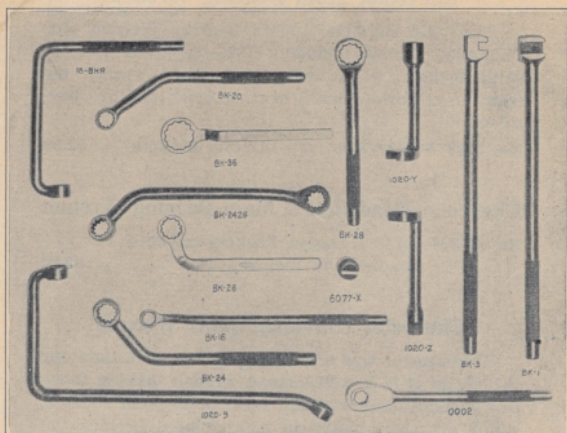
### Chevrolet Drag Link Offset Screw Driver

Here is a short and stubby, offset screw driver, built to stand the gaff, and handle that drag link on the Chevrolet, which is so close to the wheel.

No. 179—Chevrolet Drag Link Offset Screw Driver .....\$1.60



## SPECIAL TOOLS FOR BUICK



The Special Buick Tools illustrated and listed here-with have all been thoroughly tested in an up-to-date BUICK service shop, by skilled Buick mechanics, and in actual every day use have proven very popular.

These tools are easily identified by reference to the illustration, and specifications by number, listed below.

### Buick Crank Turners

These crank turners are great time and labor savers and should be in the tool kit of every mechanic working on Buicks.

No. BK-1—Crank Turner—1/2" .....\$1.75  
No. BK-3—Crank Turner—3/8" ..... 1.75

### Buick Piston Pin Lock Nut Wrench

Handles the Piston Pin Lock nut operation to perfection.

No. BK-16—Piston Pin Lock Nut Wrench—1/2" opening—12 point .....\$1.25

### Buick Block Bolt Wrenches

These two sizes—5/8" and 3/4" make the Block Bolt Job easy.

No. BK-20—Buick Block Bolt Wrench—5/8"—opening—12-point .....\$1.60  
No. BK-24—Buick Block Bolt Wrench—3/4"—opening—12-point .....\$1.90

### Buick Carburetor Drag Link Socket

This socket is designed to take screws out of carburetor float valve seat, on all Buicks except 1930.

No. 6077-X—Drag Link Socket—2-1/8" overall—shank of bit 11/16" in diameter—bit 1-1/4" long .....\$1.00

### Buick Manifold Ratchet

This ratchet is designed along the lines of our larger ratchets, has 9/16" opening wheel and very useful around the Buick manifold.

No. 0002—9/16" Hexagon opening Ratchet .....\$2.50



## Buick Steering Gear Wrenches

These four wrenches are very much needed for adjustment on the 1930 Buick Steering Gear.

- No. BK-26—13/16" opening -12-point wrench—2" offset 6" handle, used to REMOVE ROLLER SHAFT END PLAY ON NUT "A" .....\$1.25
- No. BK-28—7/8" opening-12-point wrench—8" overall USED TO LOOSEN AND TIGHTEN NUT "F" .....\$1.35
- No. BK-36—1-1/8" opening-12-point wrench—7" overall USED TO TURN ADJUSTING NUT "H" .....\$1.50
- No. BK-2426—3/4" & 13/16"-12 point wrench offset each end—USED TO REMOVE BACK LASH BETWEEN WORM AND ROLLER-NUTS "E" AND "G" .....\$1.85

## Buick Heat Riser and Manifold Nut Wrench

A wrench of the crow foot type with 12-point opening socket for the Buick heat riser and manifold nuts.

- No. 18-BHR—9/16"-12 point opening .....\$1.60

## Buick Head Bolt Wrenches

No. 1020-B—has 5/8" 12-point sockets on both ends and the wrench is specially bent to handle the head bolt job on many Buicks, as well as being useful in many places and on many cars.

- No. 1020-B—5/8"-12-point openings both ends.....\$2.50

No. 1020-Z and No. 1020-Y are extensions having an open crow foot type socket—5/8"—with web on top of the crow foot opening to give strength—will get in very close places. These wrenches are used with other units as designated below.

- No. 1020-Z—5/8" opening crow foot socket—has 9/16" hexagon male service connection on which a 9/16" "L" wrench can be used, or a 9/16" socket and "L" Handle .....\$1.50

- No. 1020-Y—5/8" opening crow foot socket—has 1/2" square female service connection to be used in conjunction with any attachment having 1/2" square male connection .....\$1.50

## Buick Rocker Arm Oil Pipe Wrench

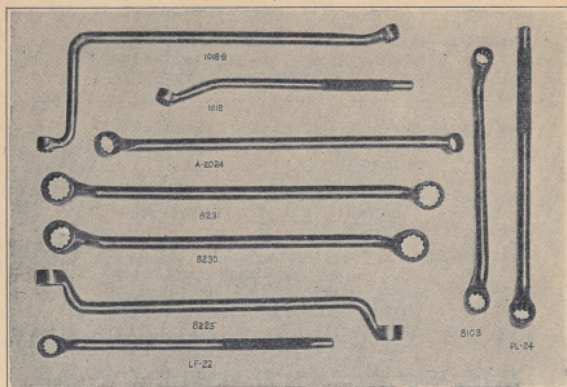
This wrench has a 3/8" open crow foot socket and is designed to handle the Rocker Arm Oil Pipe on Buick.

- No. 0005—3/8" opening .....\$1.00





## Miscellaneous Special and General Purpose Wrenches



### Essex Head Bolt Wrenches

We make two styles of ESSEX HEAD BOLT WRENCHES, both having 12-point sockets. One single end and the other double end. They work on the various ESSEX models and are also general purpose wrenches.

No. 1018—9/16"-12-point socket, one end .....\$1.75

No. 1018-B—9/16"-12-point socket, both ends ..... 2.50

### Packard Cylinder Head Bolt Wrench

No. A-2024—5/8 and 3/4-12 point sockets .....\$2.25

### General Purpose Wrenches

No. LF-22—11/16"-12-point opening—for Lincoln Head Bolts, Model "A" Ford Head Bolts and other uses .....\$1.85

No. PL-24—3/4-12-point opening—has many uses including Packard Head Bolts —Packard Hold Down—Lincoln Hold Down—Packard Wheels etc. ....\$2.05

No. 8103—5/8 and 3/4 Double end-12-point wrench..\$1.85

No. 8225—25/32 and 7/8 Double end 12-point wrench..\$2.50

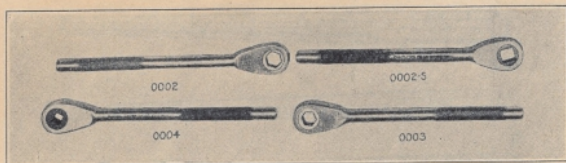
No. 8230—15/16 and 31/32 Double end 12-point wrench .....\$3.00

No. 8231—7/8 and 31/32 Double end 12-point wrench..\$3.00

NUMBERS 8225—8230—8231 are very popular wrenches for WHITE TRUCK HEAD BOLT WORK. ..



## P &amp; C Junior Ratchets



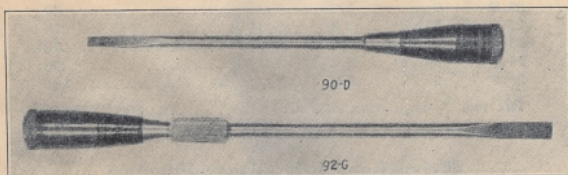
These Ratchets are designed and built along the same lines as the larger size Ratchets used in the larger Socket Sets. They are made of the same material and are designed to fill the need of a lighter and smaller ratchet on some classes of work. Note specifications carefully.

No.	Description	Price
0002	—18 Point Ratchet—9/16" Hex Connection....	\$2.50
	(Also listed as Buick Manifold Ratchet)	
0002-S	—18 Point Ratchet—1/2" Square Connection..	2.50
0003	—18 Point Ratchet—1/2" Hexagon Connection..	2.50
0004	—18 Point Ratchet—3/8" Square Connection..	2.50

(Also listed as No. 3010 in Jiffy Units)

(For Adaptors for these Ratchets, see Page 38)

## P &amp; C Leather Handle Screw Drivers



The shanks of these HEAVY DUTY and GENERAL PURPOSE SCREW DRIVERS are made of the best grade of screw driver steel. The handles are made of sole leather washers and the shank extends through the handle, having a washer riveted on the end of the shank. The leather handles are highly polished and the entire screw driver is practically everlasting.

## HEAVY DUTY

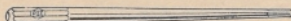
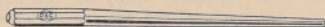
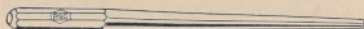
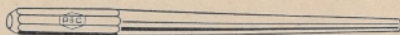
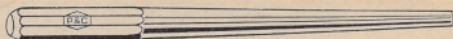
No.	Blade Length	Overall	Price
92 B	4"	8"	\$1.80
92 E	10"	14"	2.60
92 G	14"	22"	3.00
92 H	18"	24"	3.50

## GENERAL PURPOSE

No.	Blade Length	Overall	Price
90 B	4"	8"	\$1.60
90 D	8"	12"	1.90
90 F	14"	18"	2.40



## Slim Taper Punches



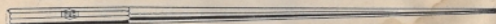
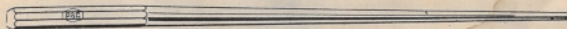
P & C Punches are made of the very best grade of Octagon tool steel it is possible to buy and each punch is an individually made tool, expertly heat treated and will give unusually long service.

## NO. 25 SERIES

No.	Length	Stock	Point	Price
25 A	6-1/2	1/4	3/16	.....\$ .35
25 B	7	5/16	1/4	..... .40
25 C	7-1/2	3/8	5/16	..... .55
25 D	8	1/2	3/8	..... .70
25 E	8-1/2	5/8	7/16	..... .85
25 F	9	3/4	1/2	..... 1.00

Kit No. 7—One each of above.....\$3.85

## Extra Long Slim Taper Punches



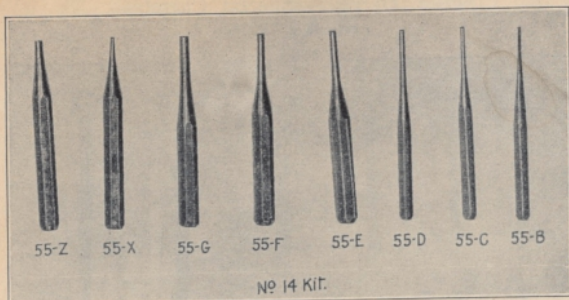
## NO. 35 SERIES

No.	Length	Stock	Point	Price
35 A	12	3/8	3/16	.....\$ .70
35 B	14	1/2	1/4	..... 1.00
35 C	16	5/8	5/16	..... 1.30

Kit No. 13—One each of above .....\$3.00



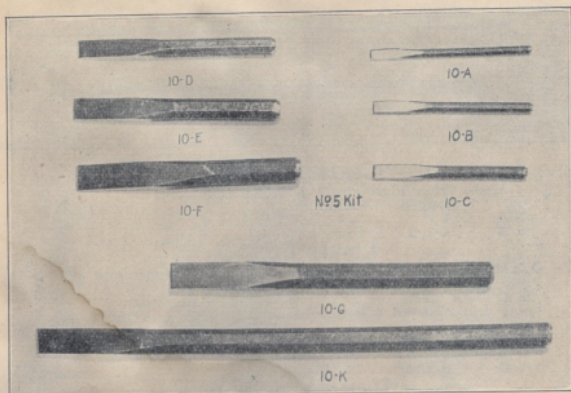
## Pin Punches



P & C PIN PUNCHES are made with very strict care and will give long service if properly used. Starter punches are furnished, having short taper, and frozen pins should always be broken loose with the starter. You will get much better service from your punches by doing this.

No.	Length	Stock	Point	Price
55 B	5	5/16	3/32	.....\$ .40
55 C	5	5/16	1/8	..... .40
55 D	5	5/16	5/32	..... .40
55 E	5	1/2	3/16	..... .50
55 F	5	1/2	7/32	..... .50
55 G	5	1/2	9/32	..... .50
55 X—Starter for 55b, 55c, 55d, 1/2" stock				..... .40
55 Z—Starter for 55e, 55f, 55g, 1/2" stock				..... .40
Kit No. 14—One each of the above				.....\$3.50

## Cold Chisels



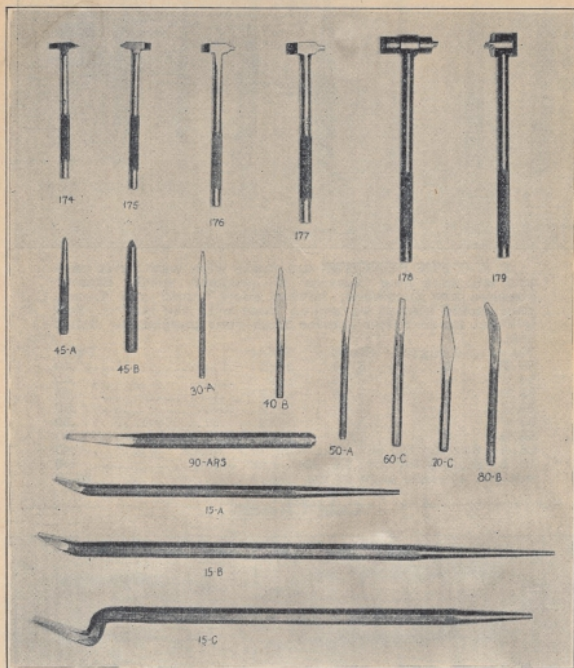
Made from high grade octagon tool steel—each chisel is individually heat treated to insure uniformity.

No.	Length	Stock	Price
10 A	5	1/4	.....\$ .25
10 B	5	5/16	..... .35
10 C	5	3/8	..... .45
10 D	6	1/2	..... .60
10 E	6-1/2	5/8	..... .75
10 F	7	3/4	..... .85
KIT NO. 5—One each of above			..... 3.25

### EXTRA LENGTH COLD CHISELS

10 G	10x3/4.....	\$1.10	10 R	10x7/8.....	\$1.40
10 H	12x3/4.....	1.30	10 S	14x7/8.....	1.80
10 K	16x3/4.....	1.70	10 T	18x7/8.....	2.40
10 M	20x3/4.....	2.00	10 V	12x1 .....	2.00
10 P	24x3/4.....	2.40			

**Center Punches—Lining Up Bars—Offset  
Screw Drivers—Special Chisels—  
Rivet Shears**



### Center Punches

Made from high grade octagon tool steel

No.	Length	Stock	Price
45 A	4	3/8	.....\$ .60
45 B	4-1/2	1/2	..... .80

### Lining Up Bars

Made from high grade octagon tool steel, one end flat with chisel point, other end round taper point. No. 15 C—has offset on large end, which allows use of hammer and acts as fulcrum in prying apart two members.

No.	Size	Price
15 A	1/2x14	.....\$1.60
15 B	5/8x20	..... 2.00
15 C	5/8x20	..... 2.50

### Offset Screw Drivers

As shown in the illustration these screw drivers have two bits, set in opposite positions. A very handy tool for use in close places. Made of the best grade of steel and a tool that every mechanic needs.

No.	Length	Bits	Price
174	6	1/4	.....\$1.00
175	6	5/16	..... 1.25
176	7	3/8	..... 1.50
177	7	1/2	..... 1.50
178	9	3/4	..... 1.50
179	9	1"	..... 1.60

Note: No. 178 is especially for Model "A" Ford Shock Absorber Drag Links and No. 179 for Chevrolet Drag Link on Steering Assembly.



## Special Chisels

All Special Chisels are made of high grade octagon tool steel and are shaped right for the job.

## Cape Chisels

No.	Length	Stock	Price
30 A	5	1/4	\$ .35
30 B	5-1/2	5/16	.40
30 C	6-1/2	3/8	.45
30 D	7	1/2	.60
30 E	8-1/2	5/8	.70
30 F	9	3/4	.85

## Key Seat Chisels

No.	Length	Stock	Price
40 A	5	1/4	\$ .40
40 B	5-1/2	5/16	.45
40 C	6-1/2	3/8	.50
40 D	7	1/2	.65
40 E	8-1/2	5/8	.80
40 F	9	3/4	.90

## Key Drifts

No.	Length	Stock	Price
50 A	6-1/4	5/16	\$ .40
50 B	6-1/2	3/8	.50
50 C	6-3/4	1/2	.80

## Diamond Point Chisels

No.	Length	Stock	Price
60 A	4	1/4	\$ .40
60 B	4-1/2	5/16	.50
60 C	5	3/8	.65
60 D	6	1/2	.80

## Round Nose Chisels

No.	Length	Stock	Price
70 A	4-1/2	1/4	\$ .40
70 B	5	5/16	.55
70 C	6	3/8	.65
70 D	7	1/2	.80

## Oil Groove Chisels

No.	Length	Stock	Price
80 A	6	5/16	\$ .65
80 B	6-1/2	3/8	.75

## Rivet Shears

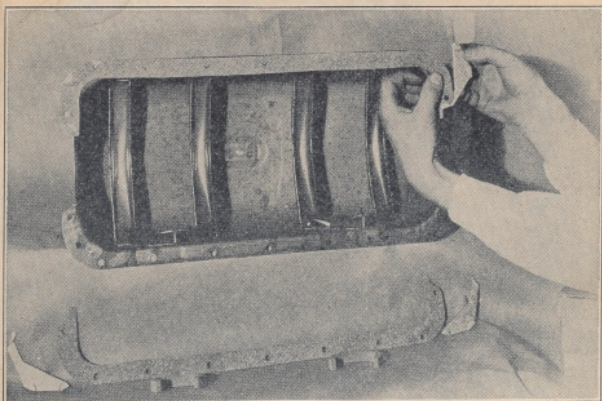
No.	Length	Stock	Price
90-ARS	10	5/8	\$1.00
90-BRS	10	3/4	1.30
90-CRS	12	3/4	1.70





## Chevrolet Pan Gasket Holders

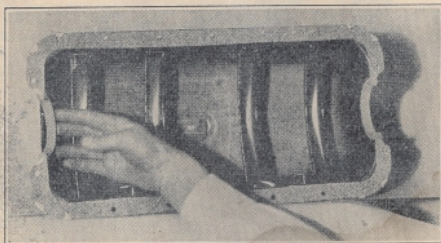
(Patent Pending)



No. 1

These Pan Gasket Holders come in a SET of 4 and are great time and labor savers in installing the Pan on the Chevrolet, by holding the Pan Gasket in position until enough of the pan screws are in place to hold it.

Saves Time and Trouble—Prevents Oil Leaks.



No. 2

Illustration No. 1—Place the point of the holder over the Gasket in this manner first.

Illustration No. 2—Next place both ends of the end cork under the holder points, as shown in cut, and press into place. Place the pan and part of the pan screws and remove the holders.

No. PGH4—Set of 4 Pan Gasket Holders.....\$ .50

# INDEX

Adaptors .....	13, 18, 19, 38,	43
Bars (Lining Up) .....		52
Box Wrenches .....	25, 26, 27, 32, 33, 34,	48
Bushing Extractors .....		38
Bulck—Block Bolt Wrench .....		46
Carburetor Drag Link Socket .....		46
Crank Turners .....		46
Head Bolt Wrench .....		47
Heat Riser & Manifold Nut Wrench .....		47
Manifold Ratchet Wrench .....		46
Piston Pin Lock Nut Wrench .....		46
Rocker Arm Oil Pipe Wrench .....		47
Steering Gear Wrenches .....		47
Carburetor Wrenches .....	41, 42, 44,	46
Center Punches .....		52
Chevrolet—Carburetor Drain Plug Wrench .....		44
Drag Link Offset Screw Driver .....		45
Generator & Carburetor Wrench .....		44
Head Bolt & Main Bearing Wrench .....		45
Main Bearing Wrench .....		45
Manifold Exhaust Wrench .....		44
Pan Gasket Holder .....		54
Starter Wrench .....		44
Steering Column Bracket Wrench .....		45
Transmission Wrench .....		44
Universal Joint Wrench .....		45
Universal Joint Holder .....		44
Water Pump Wrench .....		44
Chisels .....	51,	53
Chrysler Tappet Wrenches .....		37
Connecting Rod Wrenches .....		42
Crow Foot Sockets .....		6
Dodge Tappet Wrenches .....		37
Drag Link Sockets .....		9
Drain Plug Sockets .....		6
Drum Pullers (Ford) .....		43
Eight Point Sockets .....	5,	19
Electrician Wrenches .....		29
Essex Head Bolt Wrenches .....		48
Extensions .....	13,	19
Extra Deep Sockets .....		9
Flex Handles .....	10,	19
Flex Speeder Handles .....		10
Flex Sets .....	14, 15, 16, 17,	20
Ford—Adaptors for Drum Puller .....		43
Brake Wrenches .....		41
Carburetor Wrenches .....	41,	42
Connecting Rod Wrenches .....		42
Drum Pullers .....		43
Front & Center Main Bearing Wrench .....		40
Generator & Starter Wrench .....		42
Head Bolt Wrench .....	40,	48
Motor Bracket Wrench .....		42
Pan Bolt Speeder Wrench .....		42
Piston Pin Tool .....		41
Rear Main Bearing Wrenches .....	40,	41
Shock Absorber Drag Link Socket .....		42
Speed Wrench for Wheel Nuts .....		42
Steering Column Wrench .....		42
Valve Guide Extractor .....		41
Valve Lifters .....		41
Water Pump Spanner .....		40

# INDEX

Generator Wrenches	42, 44
Handles (FLEX)	10
Head Bolt Wrenches	40, 45, 47, 48
Heavy Duty Offset Wrench	24
Heavy Duty Sockets	18
Heavy Duty Truck & Tractor Sets	16, 17, 18
Hexagon Box Wrenches	32, 33, 34
Hexagon Sockets	5, 18
International Truck Wheel Wrench	31
Jiffy Sets	19, 20
"L" Handles	13, 19
"L" Wrenches	22, 23, 24, 25, 35
Lincoln Head Bolt Wrench	48
Lining Up Bars	52
Main Bearing Wrenches	40, 41
Midget Box Wrenches	27
Midget Flex Handles	10
Offset Handles	13, 19
Offset Screw Drivers	52
Offset Wrenches	22, 23, 24, 25, 32, 33, 34
Packard Head Bolt Wrench	48
Pan Bolt Speed Wrench	42
Pickwick Stage Wheel Wrenches	31
Pin Punches	51
Punches	50, 51, 52
Ratchets	13, 19, 49
Rim Wrenches	31, 38
Ring Groove Cleaners	39
Screw Drivers	13, 35, 49, 52
Socket Size Table	3
Sockets	4, 5, 6, 7, 8, 9, 11, 19
Socket Sets	11, 12, 13, 14, 15, 16, 17, 19, 20
Spanner Wrench	40
Speed Handles	13, 19
Speed Handles (Flex)	10, 20
Speed Wrenches	30, 42
Speed Wrench Sockets	4, 5
Speed Wrenches—Universal	29
Square Opening Sockets	5
Starter & Generator Wrenches	42
Steering Column Wrench	42
Stud Bolt Wrenches	11
"T" Handles	13, 19, 28
"T" Wrenches	31
"T" Wrenches Universal	28
Tappet Wrenches	11, 36, 37
Twelve Point Box Wrenches	25, 26, 27, 32, 33, 34, 48
Twelve Point Sockets	5, 6, 11, 18, 19
Universal Joint Wrench	13, 18, 19
Universal Sockets	7, 8, 19
Universal Speed Wrenches	29
Universal "T" Wrenches	28
Valve Adjusting Wrenches	11, 36, 37
Valve Guide Extractor	41
Valve Lifter	41
Water Pump Wrenches	37, 40, 44
Wheel Starters	21, 43
White Truck Head Bolt Wrench	48
Wing Nut Sockets	9



